

# Conference Guide

**November 5 – 8, 2015**

The Bellagio  
Las Vegas, Nevada



## **19th Clinical Applications for Age Management Medicine Conference**



[www.AgeMed.org](http://www.AgeMed.org)



**27 AMA PRA  
Category 1  
CME Credits™**

# TURNING OPPORTUNITY INTO SUCCESS...

Starts With The Best Training



Ready for a Real change in your medical practice?

Success on every level...

- Practice evidence based medicine with proven results
- Help patients lead healthier, more productive lives
- Increase income beyond your regular practice
- Get out of the insurance mess – no more dealing with government programs
- Build a practice with motivated patients – and high patient retention
- Enjoy your practice again

## AGE MANAGEMENT MEDICINE

Learn from the world leader in the field.

A scientific, evidence-based, and educational program leading to part-time and full-time opportunities nationwide.

**52 AMA PRA Category 1 Credits™**

- Online home-study begins immediately
- 6-day training at Cenegenics®
- Actual case studies/situations reviewed in problem-solving round table discussions
- Extensive literature-based support
- Online exam for certification done from your home or office
- Introduction to a Cenegenics® Fellowship

Hailed by past participants as “one of the most valuable learning experiences since medical school,” the program includes self-guided study, didactic with case studies and ethical business models to better achieve long range success.

Learn more at  
[AMMEDUCATION.ORG](http://AMMEDUCATION.ORG)



Joint Educational Effort  
Physician Training & Certification  
An Accredited Program Opportunity

Register for training today!  
Call 866.350.9031



Integrate the Country's Largest Balanced Hormone Replacement Therapy Solution into Your Practice for Patient Health and Retention.

JOIN the  
**1000+**  
CERTIFIED  
Providers

BioTE® Medical offers patients of **Trusted Certified Providers** a healthier and happier lifestyle for men and women using bio-identical hormone pellets.

*"The **BEST THING** I can say about BioTE® is the **POSITIVE FEEDBACK** I get from my patients. **REVENUE HAS INCREASED DRAMATICALLY thanks to happy patients.**"*

- Walter Gaman M.D.



## All-Inclusive Business Integration Benefits Include

- 100% Business Integration
- Increased Patient Retention
- Unmatched Training & Support Created by Physicians
- Highest Quality Product Control
- Physician Liaison Support
- Complete Nutraceutical Line
- Marketing & Public Relations
- National Media Exposure
- Improved Patient Health
- Age-Related Illness Prevention



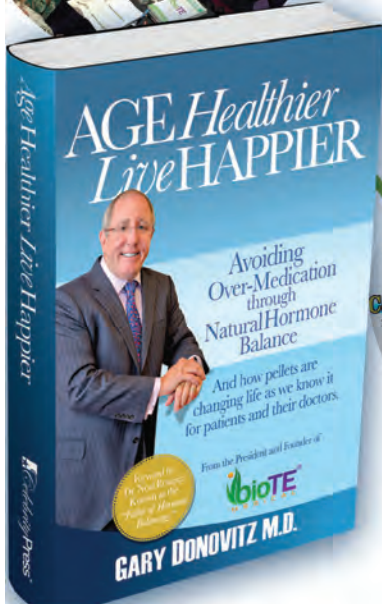
Stop by the **bioTE®** booth for a **FREE** Copy of



**"AGE Healthier LIVE Happier"**

by Gary Donovan M.D.

\*Supply is limited.



See If BioTE® Medical is Right for Your Practice.

JOIN **bioTE®**.com



# Lengthen your Telomeres, Strengthen your Practice with TA-65® Nutritional Supplements

Become a TA-65MD® Physician Licensee Today!

## Benefits of Being a Certified Physician Licensee:

- Be on the cutting edge of telomerase activation nutritional supplements
- Complete training and certification
- Patient educational and marketing tools provided
- Educational videos, testimonials, and photos for your website
- Receive Certified Licensee pricing (up to 40% off retail)
- Easy to manage ancillary source of income
- Minimal up-front investment



**Nine out of ten patients taking TA-65® recommend it to a friend or relative. The result is great word-of-mouth marketing for your practice.**



## Benefits of TA-65® for Patients:

- Addresses telomere shortening and cellular aging
- Supports immune health
- Improvements in skin firmness and appearance
- It works! 90% of patients who try TA-65® stay on the product long term.
- Telomerase activation backed by published clinical studies

**Want to become a licensee? It's easy! Come visit us at our AMMG booth or request a free info packet at [www.tasciences.com](http://www.tasciences.com) or by calling 888-360-8886.**

**T.A. SCIENCES®**  
CELL REJUVENATION THROUGH TELOMERASE ACTIVATION



Dear Colleague,

Welcome to our Fall 2015 conference at Bellagio in Las Vegas, Nevada. AMMG is proud to again deliver a conference that will refuel your passion for medicine. From the basics to advanced case studies, our expert presenters lay it all out for you.

**Disease prevention is changing—fast.** Our expert presenters help you connect the dots, from advanced genomic testing to mitochondrial agents in cardiovascular disease, stem cell therapy in CHF and PAD, bioidentical hormone therapy and cardiovascular disease. Case presentations help you gain a more real-world perspective so you walk away empowered. The latest research helps you attain a forward-thinking approach so your patients can have a better quality life.

**Transform your career.** Age Management Medicine is changing how medicine is practiced and viewed. Our CME-accredited conference delivers expert presentations, emerging science, groundbreaking research, evidence-based protocols and a welcoming environment to network with colleagues—plus office-based aesthetics that add value to your practice.

As always, we chose an environment that is both exciting and luxurious to host this conference. We have returned to the contentment and opulence that are the hallmarks of the Bellagio Las Vegas experience, from the famed Dancing Fountains, Conservatory and Botanical Gardens and famous artworks to its AAA Five Diamond Award-winning accommodations.

**Join our network.** AMMG membership delivers a wide range of benefits, including an extensive medical network. Learn more online at [www.agedmed.org](http://www.agedmed.org).

We look forward to meeting you!

Sincerely,

**Derrick DeSilva, Jr., M.D.**  
Chairman,  
AMMG Planning Committee

**Rick Merner**  
Executive Director  
AMMG Co-founder

**Greg Fillmore**  
Conference Chairman  
AMMG Co-founder

**Conference Planning Committee**

Derrick M. DeSilva, Jr., M.D. (Chairman)	
Florence Comite, M.D.	Mary Corry, R.N., BSN
Mark L. Gordon, M.D.	Edwin N. Lee, M.D., FACE
John J. Rush, M.D., FACEP	George C. Shapiro, M.D., FACC

**SAVE THE DATE**

▶ **May 12 – 15, 2016** ◀

**20<sup>TH</sup> CLINICAL APPLICATIONS FOR AGE MANAGEMENT MEDICINE**

**Omni Hotel & Resort, Championsgate/Orlando, Florida**

Updates will be posted on our website [www.agedmed.org](http://www.agedmed.org) as they become available

**CALL FOR PRESENTERS**

**The Age Management Medicine Group (AMMG) would like to encourage qualified speakers who wish to become members of our faculty to submit for consideration.**

The Conference Planning Committee will review all submissions.

Preference is given to credentialed faculty at the medical professional level who have expertise in their field and have the ability to provide comprehensive learning materials for the course syllabus.

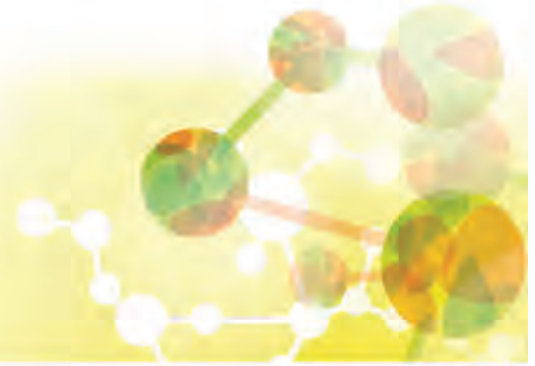
Topics that reflect non-commercial, new or cutting-edge evidence based information for Age Management Medicine clinicians are preferred. All faculty and presentations must adhere to ACCME standards.

To submit, please email the following to [gfillmore@agedmed.org](mailto:gfillmore@agedmed.org):

1. Curriculum Vitae
2. Presentation Title
3. Short Abstract / Description

**Age Management Medicine Group (AMMG)**

1534 Serrano Circle, Naples, FL 34105  
Phone (239) 330-7495 Fax (847) 728-2118  
[www.AgeMed.org](http://www.AgeMed.org) [conference@agedmed.org](mailto:conference@agedmed.org)



## Nutrigenomic Formulations Activating and Supporting Cellular Defenses\*



### EnduraCell® and EnduraCell® Plus

EnduraCell® is a myrosinase-active dried broccoli sprout powder which yields clinically relevant quantities of sulforaphane in the body. Sulforaphane helps protect against ingested toxins and stimulates cellular defenses within the body\* by up-regulating Nrf2 and down-regulating NF-kB and genes associated with inflammation\*.

### DefenCELL®

DefenCELL® is a unique formulation of EnduraCell®, GliSODin® and a mix of nutrients often deficient in the American diet. As the core foundation of the line, DefenCELL® may be taken by itself or augmented with additional EnduraCell® and GliSODin® as needed.

### GliSODin®

Based on the dual-patented nutrigenomic French cantaloupe, GliSODin® contains the antioxidant superoxide dismutase, which boosts circulating levels of superoxide dismutase (SOD), glutathione peroxidase (GPx) and catalase (Cat.), which may reduce evidence of oxidative damage\*. May help improve and maintain cardiovascular health as well as the health and flexibility of blood vessels\*.

## Leaders in Evidence-Based, Nutrigenomic Nutraceuticals

The evolving paradigm of nutrigenomics is based on the principle that food chemicals profoundly affect the expression of one's genotype. Nutrigenomic bioactives can generate exceptional quantifiable clinical responses. Bioactive food molecules are in "constant conversation" with intracellular signaling molecules capable of impacting gene expression.

Cell-Logic's specialty lies in providing clinicians with bioavailable, nutrigenomically-active formulations. Their unique technology has culminated in the development of the flagship ingredient, EnduraCell®. As a superior source of sulforaphane, EnduraCell® is a potent inducer of a vast array of cytoprotective compounds.

Cell-Logic-USA is the exclusive North American distributor for Cell-Logic Pty Ltd of Australia.

\* These statements have not been evaluated by the food and drug administration. These products are not intended to diagnose, treat, cure, or prevent any disease.



## Medical Body Composition Analysis – Enhance your age-management treatment.

- Medical Weight Loss:** Obtain your patients' precise body fat % to help determine their weight loss goal.
- Nutrition Therapy:** Determine changes in body fat, muscle mass, and total body water. Guide your patients to optimize their health and energy levels through a personalized wellness and nutrition plan.
- Hormone Replacement Therapy:** Track and monitor changes in fat mass, lean mass and visceral fat in patients undergoing HRT treatment.
- Fitness & Exercise:** Enhance your training program to optimize hormone production and the body's use of key hormones to burn fat, preserve lean muscle mass, and prevent degeneration.



Contact us today to schedule a free demonstration at your age-management facility.  
1 800 542 7322 • [info.us@seca.com](mailto:info.us@seca.com) • [mbca.seca.com](http://mbca.seca.com)

seca | mBCA

# Alan P. Mintz, M.D. Award

## CLINICAL EXCELLENCE IN AGE MANAGEMENT MEDICINE

**Mentor, innovator, visionary.** Dr. Alan P. Mintz inspired many with his brilliant insights in age management medicine, fueled by his desire to help others live a vital life. He forged new medical frontiers, embraced the spirit of determination and exemplified medical excellence.



The Age Management Medicine Group created an award of distinction to honor Dr. Mintz as a friend, mentor and true medical professional who did much to advance this new medical specialty.

The *Alan P. Mintz, M.D. Award* is presented annually to a physician reflecting Dr. Mintz's clinical excellence in patient care, healthy living, quality of life and entrepreneurship.

*The Age Management Medicine Group is proud to announce and congratulate this year's worthy recipient:*

**2007**



Jeffrey S. Life, M.D., Ph.D.

**2008**



L. Stephen Coles, M.D., Ph.D.

**2009**



Robert D. Willix, Jr., M.D.

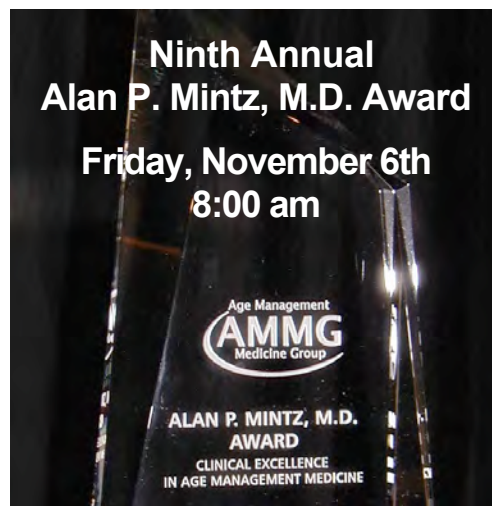
**2010**



Derrick M. DeSilva, Jr., M.D.

## Jeffrey P. Leake, M.D.

Please join us in presenting Dr. Leake with the



**2011**



Joseph F. McWherter, M.D.

**2012**



Michale J. Barber, M.D.

**2013**



Florence Comite, M.D.

**2014**



Neal Rouzier, M.D.



# Schedule At-A-Glance

Thursday, November 5th

## 3 Concurrent Pre-Conference Tracks

Track 1: Core Issues in Hormone Modulation for the Age Management Clinician	Track 2: Advanced Case Studies and Discussion in Age Management Medicine	Track 3: Office Based Aesthetics for the Age Management Clinician (in conjunction with the American Academy of Medical Microneedling)
<p><b>7:00 AM - 7:45 AM</b> Preview of the AMMG Spring 2016 Track: Understanding the Genome—Integrating Genomics Into Your Practice Includes an Opportunity for Attendees to Obtain, GenoSequence and Interpret the Results of Their Own Genetic Profile Introduction by Florence Comite, M.D.; Presented by Erica Ramos, MS, LCGC Open to all attendees and includes a complimentary breakfast <i>Non-CME symposium sponsored by Age Management Medicine Group (AMMG)</i></p>		
<p><b>8:00 AM - 8:45 AM</b> <b>Adrenal Fatigue, DHEA, DHEAS and Hormone Replacement Therapy</b> James L. Wilson, N.D., D.C., Ph.D.</p> <p><b>8:45 AM - 9:45 AM</b> <b>The Nuts and Bolts of Testosterone Replacement Therapy</b> Rob Kominiarek, D.O., FACOFP</p> <p><b>9:45 AM - 10:00 AM</b> Break <i>sponsored by T.A. Sciences</i></p> <p><b>10:00 AM - 11:00 AM</b> <b>Everything That You Should Know About Treating Insulin Resistance With HRT But Don't</b> Neal Rouzier, M.D.</p> <p><b>11:00 AM - 12:00 PM</b> <b>Nuts and Bolts in Thyroid Management</b> Edwin N. Lee, M.D., FACE</p> <p><b>12:00 PM - 1:30 PM</b> Lunch Break</p>	<p><b>8:00 AM - 9:00 AM</b> <b>Complex Hormone Replacement Cases in Men</b> Neal Rouzier, M.D.</p> <p><b>9:00 AM - 9:45 AM</b> <b>Advanced Case Studies - Cardiovascular Disease, Genomics and HRT</b> George C. Shapiro, M.D., FACC</p> <p><b>9:45 AM - 10:00 AM</b> Break <i>sponsored by T.A. Sciences</i></p> <p><b>10:00 AM - 10:40 AM</b> <b>Prostate Revolumization and PSA Rise in a Patient at Risk for Prostate Cancer and Failure of Clomiphene to Increase Libido Resolved with HCG</b> Jeffrey P. Leake, M.D., ISSA-CPT</p> <p><b>10:40 AM - 11:30 AM</b> <b>The Clinical Application of Precision Medicine: Case Study Presentations of the Typical Patient, the Deceptive Patient, and the Complex Patient</b> Steven M. Villagomez, M.Ed. Nicole McDermott, RPA-C</p> <p><b>11:30 AM - 12:00 PM</b> <b>Chronic Low Grade CRP Elevation Leading to Diagnosis of Chronic Lyme Disease and Use of Injectable Depo Testosterone in Women When Topical T Fails to Provide Clinical Benefit</b> Bhavesh K. Patel, M.D.</p> <p><b>12:00 PM - 1:30 PM</b> Lunch Break</p>	<p><b>8:00 AM - 9:00 AM</b> <b>Maximizing the Power of Microneedling</b> Edward M. Zimmerman, M.D.</p> <p><b>9:00 AM - 10:00 AM</b> <b>The Use of Platelet Rich Plasma (PRP) and Adipose Derived Regenerative Cells (ADRCs) in Aesthetic Medicine</b> Edward M. Zimmerman, M.D. (Non-CME lecture)</p> <p><b>10:00 AM - 10:15 AM</b> Break <i>sponsored by T.A. Sciences</i></p> <p><b>10:15 AM - 10:45 AM</b> <b>The Keys (Nutrition and Exercise) to Your Aesthetic Goals</b> Kevin M. Finnegan, M.S.</p> <p><b>10:45 AM - 11:15 AM</b> <b>Learn How to Use Social Media to Reach Aesthetic Patients and Fit Your Budget</b> Marcus Sanchez (Non-CME lecture)</p> <p><b>11:15 AM - 12:00 PM</b> <b>Utilization of Carbohydrates for Physique &amp; Performance Enhancement</b> Rudy M. Inaba</p> <p><b>12:00 PM - 1:30 PM</b> Lunch Break</p>
<p><b>12:00 PM - 1:00 PM</b> <b>Telomere Biology Workshop: Pearls from 7 Years of Monitoring Patients on TA-65™</b> Presented by Joseph M. Raffaele, M.D. Open to all attendees and includes a complimentary lunch <i>Non-CME symposium sponsored by T.A. Sciences</i></p>		
<p><b>1:30 PM - 2:30 PM</b> <b>The Ins and Outs of Estrogen in Women</b> Sangeeta Pati, M.D., FACOG</p> <p><b>2:00 PM - 7:00 PM</b> Exhibits Open</p> <p><b>2:30 PM - 3:15 PM</b> Break / Visit Exhibits</p> <p><b>3:15 PM - 4:00 PM</b> <b>Brain Effects of Progesterone (and its Metabolites Pregnenolone and Allopregnanolone) and Melatonin</b> Angela Maun Akey, M.D., FACP</p> <p><b>4:00 PM - 4:45 PM</b> <b>Update on Growth Hormone 2015</b> Mark L. Gordon, M.D.</p> <p><b>4:45 PM - 5:30 PM</b> <b>Hormone Case Studies with Q &amp; A</b> Edwin N. Lee, M.D., FACE Sangeeta Pati, M.D., FACOG Rob Kominiarek, D.O., FACOFP</p>	<p><b>1:30 PM - 2:15 PM</b> <b>Hormone Hold-Ups: How to Handle Common Issues Associated with Hormone Use</b> G. DeAn Strobel, M.D., FACOG</p> <p><b>2:00 PM - 7:00 PM</b> Exhibits Open</p> <p><b>2:15 PM - 3:00 PM</b> <b>Effectively Training and Motivating Older Patients When They Are Not Serious About Physical Fitness</b> Mary L. Corry, RN, BSN</p> <p><b>3:00 PM - 3:45 PM</b> Break / Visit Exhibits</p> <p><b>3:45 PM - 4:45 PM</b> <b>Complex Hormone Replacement Cases in Women</b> Neal Rouzier, M.D.</p> <p><b>4:45 PM - 5:30 PM</b> <b>Advanced Cases in Prevention: Integrating Hormone Therapies with Supplements, Diet, Exercise, Lifestyle and Stress Management to Improve Outcome</b> Erika Schwartz, M.D.</p>	<p><b>1:30 PM - 2:15 PM</b> <b>Combination Treatment</b> Edward M. Zimmerman, M.D. (Non-CME lecture)</p> <p><b>2:00 PM - 7:00 PM</b> Exhibits Open</p> <p><b>2:15 PM - 3:00 PM</b> <b>Growth Factors: Myth vs. Science</b> Bertica M. Rubio, M.D.</p> <p><b>3:00 PM - 3:45 PM</b> Break / Visit Exhibits</p> <p><b>3:45 PM - 4:30 PM</b> <b>Hidden Hormone Issues that Affect Your Skin Health</b> Sanjay Kapur, Ph.D., MBA</p> <p><b>4:30 PM - 5:00 PM</b> <b>Pre and Post Procedural Protocols</b> Marie Piantino, L.E. (Non-CME lecture)</p> <p><b>5:00 PM - 5:30 PM</b> <b>Panel of Experts with Q &amp; A</b> Kevin M. Finnegan, M.S. Rudy M. Inaba Sanjay Kapur, Ph.D., MBA Bertica M. Rubio, M.D. Edward M. Zimmerman, M.D.</p>
<p><b>5:30 PM - 7:00 PM</b> <b>AMMG Welcome Reception</b> Held in Conference Networking and Exhibits Center Open to all conference attendees, spouses and guests</p>		

# Schedule At-A-Glance

## General Sessions

### Friday, November 6<sup>TH</sup>

7:00 AM - 7:45 AM

How to Build a Strong Age Management Business by Implementing Medical Weight Loss Into Your Practice

Presented by Kimball Lundahl, D.C.  
*Non-CME symposium sponsored by Healthy Habits*

Open to all attendees and includes a complimentary breakfast

8:00 AM - 8:05 AM

Opening Remarks

Derrick M. DeSilva, Jr., M.D.

8:05 AM - 8:30 AM

Presentation of the Alan P. Mintz, M.D. Award

8:30 AM - 9:15 AM

Cardiovascular Genomics: Is the Future of Cardiac Care Finally Here?

George C. Shapiro, M.D., FACC

9:15 AM - 10:00 AM

*Featured Lecture* The Management of Atrial Fibrillation in 2015: Why Age Matters

Win-Kuang Shen, M.D.

10:00 AM - 10:45 AM

Break / Visit Exhibits *sponsored by SottoPelle*

10:45 AM - 11:30 AM

Mitochondrial Agents in Cardiovascular Disease

Derrick M. DeSilva, Jr., M.D.

11:30 AM - 12:15 PM

The Relationship Between Heart-Brain Dynamics, Coherence, Optimal Health and Cognitive Function

Rollin McCraty, Ph.D.

12:15 PM - 1:30 PM Lunch Break / Visit Exhibits

12:15 PM - 1:15 PM

Physician Training and Certification in Age Management Medicine: Essential Qualifications and Knowledge for the Age Management Medicine Physician

Presented by Jeffrey P. Leake, M.D.  
*Non-CME symposium sponsored by Cenegeics Elite Health*

Open to all attendees and includes a complimentary lunch

1:30 PM - 2:00 PM

Controversies About the Cholesterol Guidelines: Population vs Personalized Therapy

Ernst J. Schaefer, M.D.

2:00 PM - 2:45 PM

Hormones and Cardiovascular Disease

Gary Donovan, M.D., FACOG, FRSM

2:45 PM - 3:15 PM

Break / Visit Exhibits

3:15 PM - 4:00 PM

Oral Pathogens and Coronary Heart Disease

Thomas E. Levy, M.D., J.D.

4:00 PM - 4:45 PM

Erectile Dysfunction is Endothelial Dysfunction: Understanding the Symptoms that Lead to Heart Disease

Nathan S. Bryan, Ph.D.

4:45 PM - 5:30 PM

Latest Advances in Lipid Testing and Inflammatory Markers

Cesar M. Pellerano, M.D.

### Saturday, November 7<sup>TH</sup>

7:00 AM - 7:45 AM

Optimizing the Legal Use of Growth Hormone

Presented by Mark Gordon, M.D.  
*Non-CME symposium sponsored by University Specialty Drugs*  
Open to all attendees and includes a complimentary breakfast

8:00 AM - 8:50 AM

*Featured Lecture* The Practical Deployment of Precision Medicine

Robert J. Hariri, M.D., Ph.D.

8:50 AM - 9:40 AM

Clinical Strategies to Implement Precision Medicine in an Age Management Practice

Florence Comite, M.D.

9:40 AM - 10:10 AM Break / Visit Exhibits

10:10 AM - 11:10 AM

*Featured Lecture* Demystifying Liquid Biopsies:

How Cutting-edge Diagnostics are Generating New Insights for Therapy Selection and Resistance Monitoring in Cancer

Murali Prahalad, Ph.D.

11:10 AM - 12:00 PM

The Latest in Cancer Screening

D. James Morre, Ph.D.

Edwin N. Lee, M.D., FACE

12:00 PM - 1:30 PM Lunch Break / Visit Exhibits

12:00 PM - 1:00 PM

Sub-Cutaneous Hormone Pellet Therapy: Alternative Medicine or Alternative to Bad Medicine

Presented by Gary S. Donovitz, M.D.  
*Non-CME symposium sponsored by BioTE Medical*

Open to all attendees and includes a complimentary lunch

1:30 PM - 2:15 PM

Clinical & Translational Pharmacogenomics

Joseph P. Kitzmiller, M.D., Ph.D.

2:15 PM - 3:00 PM

Genetic Screening: A Tool for Better Health with Age

Matthew Pratt-Hyatt, Ph.D.

3:00 PM - 3:45 PM Break / Visit Exhibits

3:45 PM - 4:40 PM

Nutrigenomics: Reshaping the Nutrition Landscape

Christine Houghton, B.Sc, D.C., R.Nutr, PhD Cand.

4:00 PM Exhibits Close

4:40 PM - 5:30 PM

Precision Medicine: The Role of Individualizing Recommendations for a Nutritional and Detoxification Program

Sangeeta Pati, M.D., FACOG

### Sunday, November 8<sup>TH</sup>

7:00 AM - 7:45 AM

Physicians Liability Insurance in the Specialty of Age Management Medicine: Are you paying too much?

Presented by John Rush, M.D., FACEP, MBA, MHA  
*Non-CME symposium sponsored by Longevity Physicians Insurance (LPI)*  
Open to all attendees and includes a complimentary breakfast

8:00 AM - 9:00 AM

Molecular Hydrogen: Therapeutic and Medical Applications

Tyler W. LeBaron

9:00 AM - 10:00 AM

Stem Cell Therapy for Cardiovascular Disease, Initial Results in CHF and PAD

Ernst R. Schwarz, M.D., Ph.D.

10:00 AM - 10:30 AM Break

10:30 AM - 11:15 AM

Compare and Contrast Integrative and Conventional Medical Models of Age Management Medicine

Methods and Case Studies of Longevity and Optimization of Health in an Integrative Internal Medicine Practice

Dushyant Viswanathan, M.D., ABIM, ABIHM

11:15 AM - 12:00 PM

Compare and Contrast Integrative and Conventional Medical Models of Age Management Medicine

The Conventional Model: Methods in Longevity and Optimization of Health

Bhavesh K. Patel, M.D.

12:00 PM - 12:30 PM

Q & A Compare and Contrast Integrative and Conventional Models of Age Management Medicine

Dushyant Viswanathan, M.D., ABIM, ABIHM

Bhavesh K. Patel, M.D.

12:30 PM - 1:15 PM

Stem Cells as Possible Treatment for ED in the Setting of Radical Prostatectomy and Radiation and Diabetes: Understanding of the Technique for Intracavernosal Injection with Stem Cells

Carlos Mercado, M.D.

1:15 PM CONFERENCE CONCLUDES

Resort fee includes 3MB WiFi in conference area

Bellagio Guests have 2 complimentary hours 1MB WiFi

High Speed Wireless Internet is also available in Bellagio Convention Space:

- One Day, \$39.99 per device
- Run of Show, \$99.99 per device

## IMPORTANT: CME CERTIFICATES

You must complete the online Conference Evaluation / Attendance form for CME credit

For your convenience, this is done entirely online.

CME certificates can be printed out *as soon as the evaluation form is submitted.*

Go to [www.AgeMed.org](http://www.AgeMed.org), click on November 2015 Conference, go to Accreditation and follow the screen prompts.

A secure login is required: *your access code is the full email address you used to register for the conference.*

NOTE: Attendees MUST submit the evaluation/attendance form online in order to be able to print their CME certificates.

# Non-CME Events Open to All Attendees

## THURSDAY, NOVEMBER 5<sup>TH</sup>

- 7:00 - 7:45 AM** **Preview of the AMMG Spring 2016 Track: Understanding the Genome - Introducing Genomics Into Your Practice**  
Introduction by Florence Comite, M.D.; Presented by Erica Ramos, MS, LCGC  
*Symposium sponsored by Age Management Medicine Group (AMMG) - Includes a complimentary breakfast*
- 12:00 - 1:00 PM** **Telomere Biology Workshop: Pearls from 7 Years of Monitoring Patients on TA-65™**  
Presented by Joseph M. Raffaele, M.D.  
*Symposium sponsored by T.A. Sciences - Includes a complimentary lunch*
- 5:30 - 7:00 PM** **AMMG Welcome Reception** for attendees, spouses and guests  
Please join your colleagues in the Conference Networking / Exhibits Center

## FRIDAY, NOVEMBER 6<sup>TH</sup>

- 7:00 - 7:45 AM** **How to Build a Strong Age Management Business by Implementing Medical Weight Loss**  
Presented by Kimball Lundahl, D.C., V.P of Business Development  
*Symposium sponsored by Healthy Habits - Includes a complimentary breakfast*
- 12:00 - 1:00 PM** **Physician Training and Certification in Age Management Medicine: Essential Qualifications and Knowledge for the Age Management Medicine Physician** - Presented by Jeffrey P. Leake, M.D.  
*Symposium sponsored by Cenegenics Elite Health - Includes a complimentary lunch*

## SATURDAY, NOVEMBER 7<sup>TH</sup>

- 7:00 - 7:45 AM** **Optimizing the Legal Use of Growth Hormone**  
Presented by Mark Gordon, M.D.  
*Symposium sponsored by University Specialty Drugs - Includes a complimentary breakfast*
- 12:00 - 1:00 PM** **Sub-Cutaneous Hormone Pellet Therapy: Alternative Medicine or an Alternative to Bad Medicine**  
Presented by Gary S. Donovitz, M.D.  
*Symposium sponsored by BioTE Medical - Includes a complimentary lunch*

## SUNDAY, NOVEMBER 8<sup>TH</sup>

- 7:00 - 7:45 AM** **Physicians Liability Insurance in the Specialty of Age Management Medicine: Are you paying too much?**  
Presented by John Rush, M.D., FACEP, MBA, MHA  
*Symposium sponsored by Longevity Physicians Insurance (LPI) - Includes a complimentary breakfast*

# Conference Floor Map



# Tired of Talking about Testosterone for Women to EVERY Patient?

Give your patients a book that provides  
**all** the information they need!



## Book Signing



Authors **Kathy C. Maupin, MD** and **Brett Newcomb**  
will be signing books in the Belmar Pharmacy booth  
Friday 10:00 AM-10:45 AM  
Saturday 9:00 AM - 10:10 AM



## GI<sub>fx</sub> GI Effects Stool Profiles®

### Accelerate Diagnosis. Guide Treatment.

Emerging research studies now reveal that targeted fecal biomarker testing offers clear insight into gut microbiota and delivers a greater opportunity to discover underlying causes and conditions associated with your patients' symptoms.

Let **GI Effects® Stool Profiles** help you better diagnosis and support patients with chronic disease.



For more information about our **GI Effects Stool Profiles**, please visit [www.gdx.net](http://www.gdx.net).

ASHEVILLE • ATLANTA • LONDON 800.522.4762 • [www.gdx.net](http://www.gdx.net)



AMMG's May 2016 Conference presents...



## DISCOVERY. OPPORTUNITY. GENOMICS.

Unlock the Secrets of Your Genome and the  
Potential of Genomic Testing in Your Clinical Practice

*Register **now**—to discover your personal, full genomic sequencing while also learning how to implement genomic medicine in your practice*

Explore a new dimension of clinical medicine: **Whole-genome sequencing**. It's relevant, highly comprehensive, and delivers an understandable analysis to aid your clinical diagnosis.

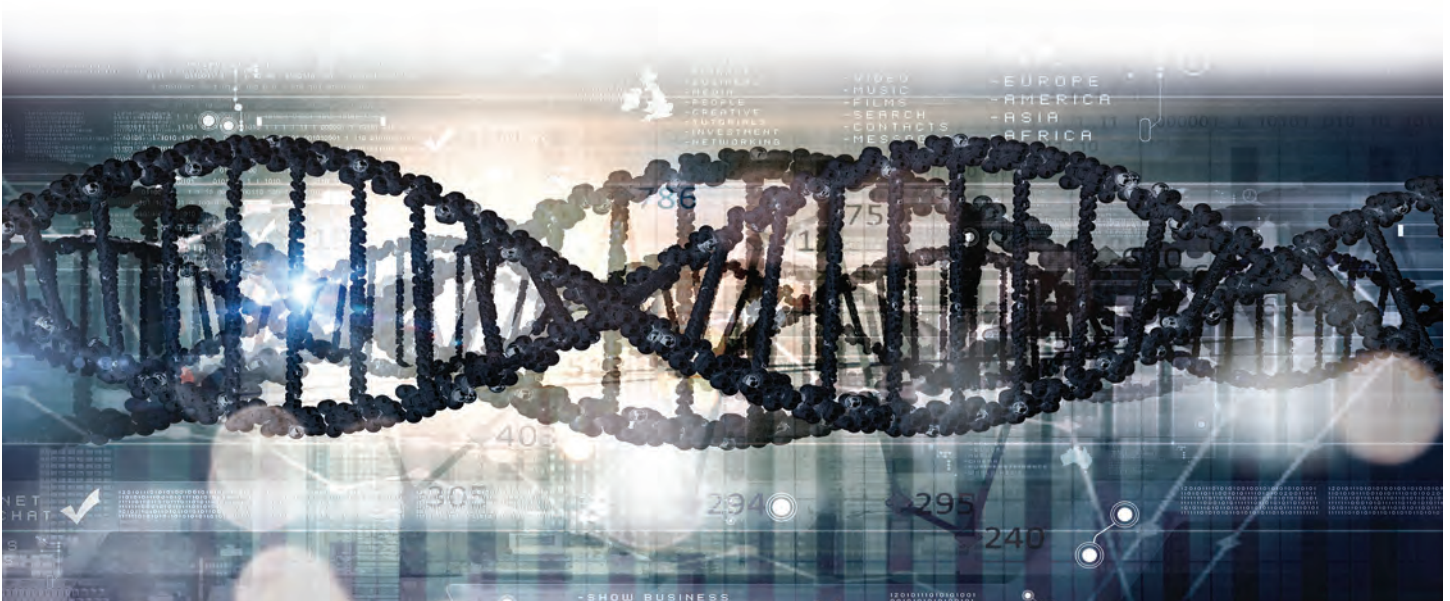
**Step 1.** Take a personal journey in genomic sequencing—at a reduced cost. Have your blood draw sample taken on-site at the November 2015 conference. Visit the conference registration desk for details.

**Step 2.** Attend the AMMG May 2016 conference full-day track—*Understand Your Genome: Interpreting Genomics into Your Practice.*

This track includes the opportunity for attendees to GenoSequence and interpret the results of their own genetic profile.

- Receive, review, understand your personal test results
- Discover how genomics play into your practice and age management medicine
- Learn how genomic testing can be a new revenue stream for your practice

The future of your practice begins here. Begins now.  
Register today.



# Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Foundation for Care Management (FCM) and the Age Management Medicine Group (AMMG). The Foundation for Care Management (FCM) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

FCM designates this educational activity for a maximum of **27 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.



The Foundation for Care Management is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. Program # 0347-9999-15-011-L01-P\*.

\*This activity is **27 Contact Hours Pharmacy CE (knowledge based)**.

The Foundation for Care Management is an approved provider of continuing nursing education by the Washington State Nurses Association Continuing Education Approval & Recognition Program (CEARP), an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

## Outcome Objectives

Upon completion of this course, the participant will be able to:

### Pre-Conference Track #1

- Discuss the importance of addressing adrenal function and key signs and symptoms of women with adrenal fatigue in perimenopause and menopause and identify the clinical and laboratory tests as well as the appropriate clinical treatment for adrenal fatigue.
- List the steps necessary to help patients produce testosterone naturally, detoxify the liver, and remove negative environmental influences
- Recognize the differences between screening laboratories for low testosterone and laboratories necessary for safe initiation of testosterone replacement therapy.
- Analyze evidence-based medical literature demonstrating the cardio-metabolic benefits of HRT and the connection between HRT and insulin resistance, decrease in visceral fat and weight loss.
- Define the dangers of ignoring TSH and discuss the use of iodine in patients with autoimmune thyroid disease. Explain and discuss the population which will benefit from T3/T4 therapy over T4 therapy due to a defect in the deiodination pathway.
- Define and identify the symptoms and signs of estrogen deficiency and analyze the pros and cons of various clinical treatment options.
- Describe the effects of progesterone and its metabolites on the brain as well as probable mechanisms of observed mood stabilization in the perimenopausal and menopausal woman, and discuss the rational use of progesterone in promoting deep, quality sleep.
- Discuss the benefits of including approved testing methods for using growth hormone or GH secretagogues when medically indicated and recognize legal implications and methods of compliance.

### Pre-Conference Track #2

- Differentiate the appropriate use of testosterone from the harm of and contraindications for using testosterone. Analyze literature and describe various case scenarios that might change the HRT prescription based on history of CAD or thrombophilia. Compare and contrast literature support for use of testosterone in men with misunderstanding and misinterpretation by your peers; explain when and how to prescribe and monitor testosterone after a diagnosis of prostate cancer.
- Recognize issues and complications in treating patients with various heart conditions who want to begin HRT and analyze and understand currently available genetic tests that can be used to diagnose the various genetic mutations to prevent CVD and improve longevity.
- Discuss the factors influencing PSA and prostate volume in men treated with testosterone, and recognize the mechanism of clomiphene citrate on pituitary function.
- Identify and discuss the risk factors, lifestyle, metabolic, and hormonal changes that decline with age, ultimately leading to disease states, and recognize how to interpret laboratory data and diagnostic work-ups to apply an individualized treatment plan to optimize hormonal and metabolic equilibrium.
- Analyze diagnostic options for chronic elevations in CRP and discuss the clinical use of depo testosterone in women.
- Recognize and appraise through interactive case discussion the benefits of bioidentical hormones and compare and contrast various delivery modalities as they pertain to males with fatigue and sexual performance issues.
- Identify the components of an effective exercise program for older clients and relate how these exercise classes have benefited the three women in these case studies.
- Apply troubleshooting methods for use of hormone therapies with confidence and recognize the need for pre-and post-operative enhancement with the help of preventive modalities including hormones.

### Pre-Conference Track #3

- Analyze current microneedling technology used for collagen induction therapy in skin and how this fits into an aesthetic practice.
- Identify terminology, basic techniques and current and evolving FDA guidelines for the use of PRP in aesthetic medicine.
- Describe the physiological response to certain macronutrients and analyze the process that allows for improvements in body composition and the specific timing associated with macronutrients around workouts to promote optimal aesthetic potential.
- Recognize and understand the core healthcare social media platforms and analyze the latest trends/studies and the role social media plays in the medical/healthcare industry and patient health.
- Evaluate the benefits of carbohydrates for healthy, aesthetic patients to maximize goals and program outcomes and learn how to use both high glycemic and low glycemic carbohydrates for improving performance in healthy athletic individuals.
- Describe office-based noninvasive procedures and how these procedures can effectively change a patient's facial profile.
- Analyze the usefulness and application of microneedling combined with the use of growth factors, recognizing the importance of the mixture of growth factors.
- Identify the main hormones that affect skin health and their mechanisms of action; analyze the impact of aging on these hormones and the consequences for skin health, and how hormone therapy may restore skin properties affected by aging.
- Review ingredient knowledge for selecting pre- and post-skincare products to improve clinical outcomes and reduce healing time for patients.

### General Session

- Recognize genetic tests that can be performed on patients and describe how to integrate these new tools in a medical practice to prevent CVD and improve longevity; analyze new advances in gene editing as they relate to the cardiovascular system and new tests available related to gene expression.
- Explain the risk factors of atrial fibrillation and review treatment options for elderly patients with atrial fibrillation.
- Recognize how new mitochondrial nutrients support cellular energy and understand the mechanism of action of these cellular nutrients with a better understanding of pharmaco-genetics.
- Discuss the fundamentals of heart-brain communication and recognize the basics of heart rate variability and its clinical relevance. Gain an understanding of the psychophysiological coherence state and its applications to self and patient care. Understand how heart coherence improves a wide range of cognitive functions and clinical outcomes
- Identify which patients are currently recommended for statin treatment and understand emerging risk factors for cardiovascular disease, and how they can help optimize therapy in patients with CVD or at high risk for CVD.
- Analyze the impact of hormone therapy on cardiovascular disease and discuss methods to reduce cardiovascular disease and mortality.
- Recognize why most Cardiovascular attacks occur and evaluate and properly treat the dental health of a heart attack or suspected cardiac patient.
- Recognize symptoms of insufficient nitric oxide production prior to onset and progression of vascular disease and the basic biochemistry of endothelial nitric oxide production, and implement safe and effective therapeutic strategies to restore NO production.
- Analyze the importance of the HDL map and how to manipulate it, and the mechanism of the Cholesterol Balance Test to modify patient therapy utilizing and modifying inflammatory markers to help prevent cardiovascular events.

**CONTINUED**

## Objectives – General Session continued

- Identify the risk factors in personal and family history, lifestyle, and labs that decline each decade, ultimately leading to disorders of aging. Understand in-depth analysis of metabolic metrics, genetics, epigenetics, and microbiome factors in an individual, and translate the data to optimize vitality, extending the health span to match life span and what physicians can offer patients in terms of 21<sup>st</sup> century medicine.
- Identify the challenges posed by cancer in terms of cellular heterogeneity and explore how advances in the identification and characterization of circulating tumor cells are generating new insights into the disease, and how these insights will change how we think about NCCN guidelines and evolve towards a real time personalized matching of combination therapies.
- Describe new approaches to early detection of cancer and be aware of limitations to early intervention.
- Identify potential benefits of pharmacogenetic testing and clinical scenarios in which pharmacogenetic testing may be indicated.
- Recognize which genetic pathways are the most relevant and how to utilize the results of genetic tests to better treat patients and increase beneficial outcomes.
- Identify a number of key gene SNPs which impact adversely on normal cellular function. Outline the mechanisms by which these SNPs, and the enzymes for which they code, play critical roles in the common biochemical ‘upstream’ processes underpinning chronic disease. Identify nutrition-based interventions that have the capacity to favorably influence gene expression.

- List the principals of individualizing a nutritional and detoxification program and how epigenetic control of gene expression impacts the individualization process.
- Identify the basic pharmacodynamics of hydrogen gas including its role as an antioxidant and signal modulating effects and the therapeutic potential of molecular hydrogen in medical and clinical applications.
- Describe the possibilities of neurogenerative therapy for vascular and circulatory disorders and subsequent scientific studies in the use of cell therapies.
- Identify a paradigm shift in what is possible in medical therapy using chelation for cardiac disease.
- Describe an integrative longevity practice by identifying key aspects of physiology and human experience which are essential, and understand therapeutic benefits of bioidentical, plant-based, and synthetic hormone therapies, the impact of subjective perception on health, and how to create a therapeutic regimen to increase bone density and weight loss.
- Compare and contrast different models for clinical based longevity protocols and recognize the conventional approach to applying evidence based clinical methods in longevity medicine for patient treatment and intervention.
- Describe the facets of a normal erection process, causes of ED, and why present treatment for ED don’t necessarily restore function, and how stem cells may be used for ED after prostatectomy, post radiation and in Diabetes Mellitus.

## Disclosures

### Conference Planning Committee

Florence Comite, M.D.	No Significant Disclosure
Mary L. Corry, R.N.	No Significant Disclosure
Derrick DeSilva, Jr., M.D.	Consultant: C.S. Supplements
Mark L. Gordon, M.D.	Access Medical Lab, Education Consultant, Millennium Health, Lecturer
Edwin Lee, M.D.	No Significant Disclosure
John Rush, M.D.	President Global Health Div, Cenegenics, Owner, LPIC, Board Member, VitTrackr
George Shapiro, M.D.	No Significant Disclosure

### Faculty

*The following faculty intend to reference unlabeled/unapproved uses of drugs or products in their presentations.*

Edwin Lee, M.D.	G. DeAn Strobel, M.D., FACOG	Edward M. Zimmerman, M.D.
-----------------	------------------------------	---------------------------

*The following faculty have disclosed a financial interest or affiliation with one or more of the commercial organizations offering financial support, equipment, or educational grants for this Continuing Medical Education activity, and commercial organizations which do not support this activity but in the interest of full disclosure wish to make attendees aware of a relationship which should be considered in evaluating individual presentations.*

Nathan S. Bryan, Ph.D.	Founder & CSO, Neogenis Labs, Inc.	Tyler W. LeBaron	Consultant & Speaker, Water & Wellness Solutions
Derrick DeSilva, Jr., M.D.	Consultant: C.S. Supplements	Thomas E. Levy, M.D., J.D.	Consultant, LivOn Labs
Gary Donovitz, M.D.	CEO and Medical Director, BioTE Medical, LLC	D. James Morre, Ph.D.	Owner, MorNuCo, Inc.
Mark L. Gordon, M.D.	Access Medical Lab, Education Consultant, Millennium Health, Lecturer	Sangeeta Pati, M.D., FACOG	Board of Advisors, MD Prescriptives
Robert Hariri, M.D., Ph.D.	Founder & Exec Chairman, Myos Corp, Founder & Vice Chairman, Human Longevity, Inc., Chairman, Founder & CSO, Celegena Cellular Therapeutics.	Murali Prahalad, Ph.D.	President & CEO, Epic Sciences
Christine Houghton, Ph.D. Cand.	Managing Dir., Cell-Logic, CoAuthor Course Materials, Manuka Science Cenegenics	Matthew Pratt-Hyatt, Ph.D.	Associate Lab Director, The Great Plains Laboratory, Inc.
Rudy Inaba	Speaker, Ayumetrix, LLC, Cell Science Systems, My Health Test.com (Australia), The Medical Park (India), Genuine Thai Products (Thailand)	Neal Rouzier, M.D.	Speaker, World Link Medical
Sanjay Kapur, Ph.D.	Salary, Premier Laser Spa, Consultant, Gnome Diagnostics, Consultant, Ohio Clinical Trials, President, Kitzmiller Consulting	Ernst J. Schaefer, M.D.	CMO, Boston Heart Diagnostics, Speakers Bureau, Merck & Amgen, Consultant, Arisaph, Amarin
Joseph P. Kitzmiller, M.D., Ph.D.		G. DeAn Strobel, M.D., FACOG	Clinical Trainer & Advisory Board Member, BioTE Medical
		Dushyant Viswanathan, M.D.	Owner & Medical Director, Columbia Center for Integrative Medicine
		James L. Wilson, N.D., Ph.D.	President, ICA Health
		Edward M. Zimmerman, M.D.	Speaker, Alma lasers, Thermi, Chromagenex, Suneva Medic

*The following faculty reported that they had no financial interest in any products or services to be discussed.*

Angeli Maun Akey, M.D., FACP	Edwin Lee, M.D.	Bertica M. Rubio, M.D.
Florence Comite, M.D.	Rollin McCraty, Ph.D.	Erika Schwartz, M.D.
Mary L. Corry, R.N.	Nicole M. McDermott, RPA-C	Ernst R. Schwarz, M.D., Ph.D.
Kevin M. Finnegan, MS	Carlos Mercado, M.D.	George Shapiro, M.D.
Rob Kominiarek, D.O., FACOPF	Bhavesh K. Patel, M.D.	Win-Kuang Shen, M.D.
Jeffrey P. Leake, M.D.	Cesar M. Pellerano, M.D.	Steven M. Villagomez, M.Ed.

# SHORT ABSTRACTS • Thursday, November 5th

## Pre-Conference Track #1: Core Issues in Hormone Modulation for the Age Management Physician

### Adrenal Fatigue, DHEA, DHEAS and Hormone Replacement Therapy

**James L. Wilson, N.D., D.C., Ph.D.** *Founder and Research Director, Health Science Research Foundation; President and Chief Formulator, ICA Health, Tucson, AZ*

Hormone replacement therapy (HRT) is being practiced by a growing number of health practitioners. Steroid hormones are powerful biochemicals that not only directly influence the aging process but also help profoundly determine the patient's quality of life experience. Unfortunately, many people enter into perimenopause and andropause in a stressed state that makes the transition more difficult. What is even more unfortunate is that few practicing physicians understand the interrelationships, overlapping effects or overdose symptoms of hormones thoroughly enough, and especially that they have not been educated about the pivotal role of the adrenal glands in this time of transition. Because the adrenals are the major or strong ancillary supplier of the hormones most often replaced in HRT, it is imperative that every physician doing HRT understands how profoundly adrenal function and proper adrenal support, when needed, affects the outcome of HRT. This presentation will review the relationship between the adrenals and other endocrine glands involved in the process of perimenopause, menopause and andropause, as well as some of the common interactions of the hormones most prescribed in HRT in the aging adult - estrogen, progesterone and testosterone. It will briefly introduce adrenal fatigue and its role in this transition, including the role of dehydroepiandrosterone (DHEA) and dehydroepiandrosterone sulfate (DHEAS), two adrenal hormones.

### The Nuts and Bolts of Testosterone Replacement Therapy

**Rob Kominiarek, D.O., FACOPF** *Director, Alpha Male Medical Institute, Springboro, OH; Assistant Clinical Professor, Ohio University College of Osteopathic Medicine*

Testosterone replacement therapy has grown rapidly over the past several years. In 2013 there were approximately 7.5 million prescriptions written for testosterone products and in 2014 it is estimated that 12.5 million prescriptions were written. But, does every man with low levels of testosterone need testosterone replacement therapy? Does every man respond the same to testosterone replacement therapy? It is well known that as we age hormone production and nutrient status decline each decade and daily our bodies are assaulted by various environmental toxins, pollutants, chemicals, and stress that further impacts our hormones. However, it is possible to naturally regain appropriate levels of free testosterone in individuals with an intact H-P-G axis and functional liver. This lecture will provide attendees an overview of the steps necessary to take to help the individual produce testosterone naturally, detoxify the liver, and remove negative environmental influences. Attendees will further learn the difference between screening laboratory for low testosterone and laboratories necessary for safe initiation of testosterone replacement therapy; food sensitivity testing; nutrient level testing; methylation polymorphisms that affect dosing; complex, interesting, and confusing cases; and cases of restoring the free testosterone level through natural methods.

### Everything That You Should Know About Treating Insulin Resistance With HRT But Don't

**Neal Rouzier, M.D.** *Director, The Preventive Medicine Clinics of the Desert, Palm Springs, CA*

A recent Cardio-Metabolic Summit was held with the emphasis on treating metabolic disorders in order to affect cardiovascular outcomes. The lectures presented were no different than the same typical diet, exercise, life style change, and diabetic and cholesterol drugs. Unfortunately there was no mention of the benefits of hormone replacement, which in my opinion, could avoid all the other drugs, side effects, problems and complications. There is a plethora of data that supports the metabolic effects of estrogen, testosterone, DHEA, thyroid and HGH that could benefit patients but seems to be ignored or rejected by medical societies. This lecture will review the medical literature which demonstrates the cardio-metabolic benefits of hormone optimization as it pertains to the treatment of insulin resistance, decrease in visceral fat, and weight loss.

### Nuts and Bolts in Thyroid Management

**Edwin N. Lee, M.D., FACE** *Assistant Professor of Internal Medicine, University of Central Florida College of Medicine, Orlando, FL; Founder, Institute for Hormonal Balance*

Over 30 million Americans have underactive thyroid and over 10 million are undiagnosed. The management of treating underactive thyroid and ignoring TSH is a controversial topic. The dangers of suppressing TSH and also TRH will be reviewed as well as a review of thyroid hormone synthesis. The benefits of using T3 and monitoring reverse T3 will be covered as well as the controversy of the usage of iodine in treating hypothyroidism. The breakdown of T4 into Free T3 and Reverse T3 depends on the deiodination system and the subject of genetic mutation of the deiodination gene will also be reviewed.

### The Ins and Outs of Estrogen in Women

**Sangeeta Pati, M.D., FACOG** *Medical Director, SaJune Institute for Restorative and Regenerative Medicine, Orlando, FL; Board Certified, American Board of Obstetrics and Gynecology; Diplomat, Anti-Aging & Regenerative Medicine*

In this presentation, learn about the data that supports the use of estrogen for protection from disease of the brain, bone, and heart. Learn about the symptoms and conditions that indicate low estrogen. Does estrogen cause cancer or protect from cancer? Is it appropriate to use estrogen without progesterone? Should you use oral or transdermal estrogen? What are the forms and routes (oral, transdermal, vaginal, pellets) and doses? All principles will be demonstrated through cases.

### Brain Effects of Progesterone (and its Metabolites Pregnenolone and Allopregnanolone) and Melatonin

**Angeli Maun Akey, M.D., FACP** *Adjunct Clinical Professor, University of Florida College of Medicine, Gainesville, FL; Medical Director & Owner, Ageless Medical Solutions, Gainesville, FL; Medical Director & Owner, North Florida Integrative Medicine, Gainesville, FL*

The neuroprotective effects of progesterone have been explored in the trauma literature with the PEOTECT trial and the SYNAPSE trial using intravenous progesterone after traumatic brain injury from motor vehicle accidents after phase 2 clinical trials were positive for better neurological outcomes. The results of the SYNAPSE trial are currently pending. Also there have been studies of progesterone in acute cerebrovascular events with positive outcomes. This lecture will explore the brain effects of progesterone and its metabolites pregnenolone and allopregnanolone as well as probable mechanisms of observed mood stabilization in the perimenopausal and menopausal woman. This translates to rational use for progesterone in helping deep, quality sleep in the perimenopausal transition and menopause. The brain and sleep effects of melatonin will also be explored.

### Update on Growth Hormone 2015

**Mark L. Gordon, M.D.** *Medical Director, Millennium-TBI & The Millennium Health Centers, Encino, CA; CBS Studios; USC, Keck School of Medicine, Department of Family Medicine, Los Angeles, CA; Medical Director of Education, Access Medical Laboratories, Jupiter, FL; Member, AMMG Conference Planning Committee; Life Member, AMMG*

The fetal body's production of growth factors (GH, IGF-1, IGF-II) allows for the development and growth of each organ system from brain to bones. As our body takes on a more adult form the production of Growth Hormone diminishes over the years. Once thought to be the sole benefactor to linear growth (gigantism) has been found to participate in the optimal production and functioning of all hormones. Growth hormone works with vitamin D in the kidneys to independently produce 25 (OH) Vitamin D, GH provides a stimulus for the conversion of T4 to T3, GH working with Testosterone enhancing memory at the level of the hippocampus, GH and Testosterone as well as Estradiol improve upon endothelial functioning and repair of the basilar membrane, IGF-1 produced by GH signaling improves protein synthesis by up regulating the 40-70S unit of the Ribosomes, rebuilds the tau protein based microtubules destroyed by Amyloid-Beta in Alzheimer's disease, lowers homocysteine, cytokines and interleukins thereby reducing inflammation. Knowing how best to detect alterations in growth hormone and its by-products will allow for comprehensive preventative programs of wellness to be developed. Understanding the legal requirements for justifiable prescribing of growth hormone will allow the physicians to provide uncompromising services to and for the patient.



# SHORT ABSTRACTS • Thursday, November 5th

## Pre-Conference Track #2: Advanced Case Studies and Discussion in Age Management Medicine

### Complex Hormone Replacement Cases in Men

Neal Rouzier, M.D. *Director, The Preventive Medicine Clinics of the Desert, Palm Springs, CA*

Prescribing testosterone to men is easy 90% of the time. However, it is the other 10% that requires skill, experience, insight, and command of the medical literature to appropriately treat complex cases. This lecture will review many complex cases and scenarios that will enable the experienced clinician to handle those difficult cases. A literature review will be provided to support why we do what we do in complex cases.

**Case Study:** A 63 y/o male presents with all the symptoms of andropause with low testosterone levels. His history is significant for polycythemia treated with hydroxyurea, CAD with MI, and recent DVT after undergoing surgery for prostate cancer. He presents to you because you are the expert in BHRT and no other doctor that he has seen will treat him.

### Advanced Case Studies - Cardiovascular Disease, Genomics and HRT

George C. Shapiro, M.D., FACC *Adjunct Assistant Professor Clinical Medicine, New York Medical College, Valhalla, NY; Founding Partner, Cenegenics, New York City; Member, AMMG Conference Planning Committee*

Advanced case studies to be discussed will involve patients who are interested in beginning HRT but have an array of cardiac conditions such as coronary artery disease, coronary artery stents, CABG surgery, hypertension, atrial fibrillation, cardiomyopathy and genetic mutations of the following genes: SLC6B1, PCSK9, MYH7, MYBPC3, KCNQ1, KCNH2, SCN5A, VKORC1 and CYP2C9.

**Case Study:** 45 y/o male with hypertension, hyperlipidemia and a family history of coronary artery disease presents to your office for an annual wellness visit. His complaints are palpitations, fatigue and erectile dysfunction. He read an article about precision medicine and genomics and would like to have a detailed genomic analysis in addition to the routine annual labs and diagnostic testing.

### Prostate Revolumization and PSA Rise in a Patient at Risk for Prostate Cancer and Failure of Clomiphene to Increase Libido Resolved with HCG

Jeffrey P. Leake, M.D., ISSA-CPT *Partner, Cenegenics Elite Health, Las Vegas, NV; Director, Physician Training and Certification, AMMEF*

Case study will explain the effects of testosterone and PSA in men of varying ages. Case study will explain the use of clomiphene citrate in the treatment of secondary hypogonadism.

### The Clinical Application of Precision Medicine: Case Study Presentations of the Typical Patient, the Deceptive Patient, and the Complex Patient

Steven M. Villagomez, M.Ed. *Exercise Physiologist, ComiteMD Center for Precision Medicine, New York, NY; Clinical Instructor & Assistant Professor, Exercise Physiology Graduate Program, Long Island University*

Nicole M. McDermott, RPA-C *Physician Assistant, ComiteMD Center for Precision Medicine, New York, NY*

No two people are alike, so why are we still using the "one size fits all" approach in medicine? The National Institutes of Health (NIH) defines Precision Medicine as an emerging field for disease treatment and prevention that takes into account specific variability in genes, environment, and lifestyle for each person. Comprehensive evaluation of metabolic, hormonal, genetic, nutrient and lifestyle factors allows us to determine a patient's current and future health. Precision Medicine enables a clinician to partner with an individual to yield a deeper, more 'precise' understanding of the individual's health destiny, with the goal of optimal health and longevity. Each individual must be assessed as a "total" person who is more than the sum of his or her parts.

**Case Study:** JW is a 57 Y.O. male with symptoms of decreased energy, abdominal weight gain, low libido, poor sleep and difficulty working out. Extensive labs revealed: hypogonadism, impaired carbohydrate metabolism, partial growth hormone deficiency, hyperlipidemia, and Vitamin D deficiency. Further diagnostic work-

up revealed: poor cardiorespiratory fitness, and high body fat to muscle ratio.

### Chronic Low Grade CRP Elevation Leading to Diagnosis of Chronic Lyme Disease and Use of Injectable Depo Testosterone in Women When Topical T Fails to Provide Clinical Benefit

Bhavesh K. Patel, M.D. *Founder and CEO, Cenegenics Chicago*  
Two cases presented; the first will explore diagnostic efforts for chronic elevations in CRP that don't seem to go down after intervention; and using injectable Depo Testosterone in women.

### Hormone Hold-Ups: How to Handle Common Issues Associated with Hormone Use

G. DeAn Strobel, M.D., FACOG *Founder & President, Complete Women's Care; G. DeAn Strobel, M.D., P.A., Sherman, TX; Medical Advisory Board, BioTE Medical*

When patients follow a doctor's instructions, many of the patients will do well, feel better and not have any trouble at all...but what does one do when the patient has side effects or doesn't respond as expected? This lecture will focus on how to address some of the most commonly seen side effects or problems associated with hormone replacement therapy such as postmenopausal bleeding, acne, edema and more.

### Effectively Training and Motivating Older Patients When They Are Not Serious About Physical Fitness

Mary L. Corry, RN, BSN *CNA Program Coordinator, Illinois Eastern Community Colleges District; Coordinator, Allied Health, Olney Central College, Olney, IL; AMMG Certification, Essential Knowledge in Age Management Medicine; Member, AMMG Conference Planning Committee*

The senior population suffers from chronic diseases such as coronary artery disease, hypertension, diabetes and hypercholesterolemia. One-third of seniors will suffer a hip fracture or fall due to sarcopenia and chronic progression of osteoporosis. Also, depression in the older patients is associated with increased mortality and increased functional limitations (US Census Bureau, 2010). Healthcare professionals understand that management of chronic disease in seniors and prevention of falls should include a regular physical fitness program, however, only 16.1% of adults 65 years of age reported doing strength training at least two times per week (Preventive Medicine 2014). In order for healthcare professionals to be able to help seniors increase their physical activity, they need to understand their client's physical limitations and emotional challenges. During this presentation, three case studies of women that have trained in the Enhanced Fitness and Silver Sneaker exercise programs will be discussed with each client experiencing different physical limitations and psychological issues. Both exercise programs have balance exercises and safety cues to help prevent future falls and injury and both programs meet the current recommendations of the American Academy of Sports Medicine and The American Heart Association's guidelines for activity of clients who are 65 years of age or older (Physical Activity and Public Health 2007). Basic dynamic and static balance exercises will be reviewed and demonstrated. Documentation will be reviewed that supports how effective these exercise programs are and why they are successful in patient compliance. The physical and mental benefits that these three women experienced and the role that the exercise programs played in increasing their physical activity will be illustrated. Both exercise programs' websites and contact information will be shared so that physicians can locate local classes for patient referrals. In any exercise program the client will eventually reach a plateau, however, implementing additional basic Age Management strategies can lead to positive outcomes. High Intensity Interval Training, Muscle Confusion/Periodization and Cross Training geared to seniors will be discussed in detail. Additional topics will include current dietary supplements available for increased muscle mass and recommended amounts and quality of protein for ensuring maximum gains in muscle tissue.

**Complex Hormone Replacement Cases in Women**

Neal Rouzier, M.D. *Director, The Preventive Medicine Clinics of the Desert, Palm Springs, CA*

Prescribing hormones to women is easy 90% of the time. However it is the other 10% that requires skill, experience, insight, and command of the medical literature to appropriately treat complex cases. This lecture will review many complex cases and scenarios that will enable the experienced clinician to handle those difficult cases in women. A literature review will be provided to support why we do what we do in complex cases, as thorough understanding of the literature will enable one to understand how we handle complex cases and complications in women. In the end we will review the interventional data supporting early and continuous use of HRT to protect our brain and heart.

Case Study: Your 60 y/o patient has successfully been on hormones for 10 years. Recently her PMD scared her into stopping the hormones because they cause an increase in heart attacks, Alzheimer’s and dementia. Now the patient is miserable off HRT and doesn’t know what to do, stop the HRT and be miserable or take the hormones and get dementia. Unfortunately this patient has a history of dyslipidemia, insulin resistance, MI, and DVT from Factor V Leiden. She is worried about a family history of stroke and dementia and doesn’t want to

increase risk which her family doctor has scared her into believing that hormones will increase these risks.

**Advanced Cases in Prevention: Integrating Hormone Therapies with Supplements, Diet, Exercise, Lifestyle and Stress Management to Improve Outcome**

Erika Schwartz, M.D. *Member, Board of Trustees and Managers, SUNY-Downstate College of Medicine, Brooklyn, NY; President, Evolved Science*

Four case studies have been chosen to reflect integration of hormones, diet, exercise, supplements, stress management and sleep in advanced prevention. Review of these cases is brought to the clinician in SOAP format and investigation of the various aspects of the case is undertaken with the audience’s participation. A stage wise process is followed to reflect how various courses of treatment affected the outcome and how to integrate troubleshooting modalities in specific areas of integrated care.

1. 45 year old woman presenting with perimenopausal weight gain and loss of libido.
2. 38 year old woman with premature ovarian failure after multiple IVF courses.
3. 62 year old woman on hormones for more than a decade with postmenopausal bleeding and refusal to stop taking the hormones.
4. 38 year old man S/P back surgery requiring HGH and testosterone to speed up recovery and return to pre-surgical elite athlete status.

**SHORT ABSTRACTS • Thursday, November 5th**

**Pre-Conference Track #3: Office Based Aesthetics for the Age Management Clinician (in conjunction with the American Academy of Medical Microneedling)**

**Maximizing the Power of Microneedling**

Edward M. Zimmerman, M.D. *Adjunct Associate Professor of Cosmetic Surgery, Touro University Nevada, School of Osteopathic Medicine, Henderson, NV; Medical Director & Owner, Las Vegas Laser & Lipo, Las Vegas, NV*

Micro Fractional Collagen Stimulation, also referred to as microneedling/stamping/rollers, has been around since 1950. A procedure by which the body’s natural response to healing is used to increase the amount of extracellular matrix (such as collagen or elastin) in the skin, microneedling creates a fractional series of thousands of micro-channels, which allow for leakage of blood, serum and lymph in a controlled and temporary manner. These “injuries” are enough to initiate the “wound healing cascade.” This is an overview of current microneedling technology used for Collagen Induction Therapy in Skin and how CIT fits into the aesthetic practice.

**The Use of Platelet Rich Plasma (PRP) and Adipose Derived Regenerative Cells (ADRCs) in Aesthetic Medicine**

Edward M. Zimmerman, M.D. *Adjunct Associate Professor of Cosmetic Surgery, Touro University Nevada, School of Osteopathic Medicine, Henderson, NV; Medical Director & Owner, Las Vegas Laser & Lipo, Las Vegas, NV*

(Non-CME lecture)

PRP from whole blood is increasingly utilized to help heal joints and soft tissue. It has a number of uses in Aesthetic Medicine as well. Similarly, fat is a rich source of ADRCs which are used to enhance a variety of aesthetic procedures from microneedling for skin and scalp rejuvenation, to supporting the success of fat grafting and incisional and ablative aesthetic procedures. Additionally, autologous regenerative cells may be directly injected into traumatized tissue, organs and joints, in similar fashion to PRP, but with the possibility of enhanced positive results. IV supplementation of autologous cells may help with certain systemic issues and synergistically support bio-identical hormone replacement. A review of terminology and basic techniques for ADRC isolation and uses will be presented. Participants will be made aware of current and evolving FDA guidelines and limits for use of ADRCs in the U.S., as part of the practice of medicine.

**The Keys (Nutrition and Exercise) to Your Aesthetic Goals**

Kevin M. Finnegan, M.S. *Director, Product Formulations, Ceneogenics Global Health*

The primary reason to eat right and exercise is to promote long lasting health and decrease the risk of disease. However, many patients are also looking for some side benefits including the potential to reach their absolute peak in body composition goals. Many times patients are constantly damaging their muscles and not repairing them with proper amounts of protein. Many times patients are cutting fats from their diet and losing the firmness in their skin. There are many reasons to exercise and eat properly but to achieve maximal health and reach your body composition goals, there needs to be a clearer balance in a program.

**Learn How to Use Social Media to Reach Aesthetic Patients and Fit Your Budget**

Marcus Sanchez *Director Marketing, Rejuvapen, Jacksonville Beach, FL*

(Non-CME lecture)

When businesses want to reach the masses, they no longer look to television, radio or print media like newspapers and magazines. Instead, they turn to social media networks to connect with consumers and other businesses, with surprisingly good results. The medical industry has been slow to embrace this method of communication. As a result, doctors, medical device manufacturers, medical institutions and companies may be losing out on a chance to connect with potential patients. Many doctors, hospitals and other medical institutions tend towards caution when it comes to entering the world of social media, and the majority of practitioners avoid social media altogether. Among the biggest concerns that medical practitioners and institutions have with the use of social media is the need to protect patient privacy and fears that entry into social media may compromise security. Another concern is that it would be necessary for doctors, hospitals and other healthcare providers to create a monitoring system to prevent employees from abusing the social media connection, and to ensure that information that is shared is factually correct and has a positive impact on the image and reputation of the institution. In addition to adding a virtual face to an otherwise faceless establishment, using social media allows quick communication between businesses and consumers. This is

especially helpful for pharmaceutical companies, medical supply companies and other medical businesses. If there is information to be shared—whether it’s for upcoming events or sales or for new inventory—there’s no better way to get the word out quickly without having to pay costly postage.

- How organizations can use this platform to alleviate damage to brand equity
- The importance of transparency
- Examples of how social media has fomented health care brand negativity
- How being proactive on social media can pay significant dividends

#### Utilization of Carbohydrates for Physique & Performance Enhancement

**Rudy M. Inaba** *Director, Nutrition & Exercise, Cenegenics Elite Health; Instructor, AMMEF Certification Course*

The application of carbohydrates is often one dimensional in age management programs. Most sedentary and overweight/overfat individuals will greatly benefit from carbohydrate restriction and regular exercise. When initial biometric and lifestyle milestones are met, exercise prescriptions are updated to stimulate further adaptation. Unfortunately, general carbohydrate restriction continues, regardless of individual physique and performance goals. In this lecture, we will discuss how to apply and utilize carbohydrates to help reach patients’ newfound physical aspirations and maximize performance.

#### Combination Treatment

**Edward M. Zimmerman, M.D.** *Adjunct Associate Professor of Cosmetic Surgery, Touro University Nevada, School of Osteopathic Medicine, Henderson, NV; Medical Director & Owner, Las Vegas Laser & Lipo, Las Vegas, NV*  
(Non-CME lecture)

Learn how to incorporate the many noninvasive procedures available in the office. Utilizing Botox and filler can create significant visual change in the patient’s facial profile. Combine with that some skin resurfacing, all of which involves little to no downtime to the patient.

#### Growth Factors: Myth vs. Science

**Bertica M. Rubio, M.D.** *Medical Director, Antiaging Regenerative Medicine Clinic, Redlands, CA; Medical Advisor, Rejuvenate Image Restoration, Refine and AQ Skin Solutions*

Growth factors: why are they so special? What do we look for to qualify the right ones for the condition we are treating? How do we place them into an aesthetic practice and why? Understand the importance of knowing the source of the gf in how a product is

manufactured. Get the medical foundation to select the ideal gf combination to achieve the desired effect for your patient’s condition. Expand your knowledge of how YOU can implement the use of gf into your Medical or Aesthetic practice.

#### Hidden Hormone Issues that Affect Your Skin Health

**Sanjay Kapur, Ph.D., MBA** *Professor, Portland Community College, Portland, OR; CEO, Ayumetrix*

Skin health is a major concern, especially in aging women. It is no coincidence that the decline in hormone levels as people age parallels the decline in skin properties frequently associated with aging. Hormones are intrinsically involved with processes affecting the maintenance of skin health, such as collagen content, skin lipid levels, elasticity, wound healing, glycoaminoglycan content, and facial hair patterns. This program addresses the importance of hormones in skin wellness, but also cautions women and men seeking to reverse skin deterioration by using hormone replacement. Hormonal deficiencies can be identified with minimally invasive laboratory testing and treated with hormone replacement to improve overall health and wellness as well as to mitigate the effects of aging. However, hormone replacement should be done with appropriate monitoring to ensure physiological hormone levels are achieved. The irresponsible use of topical or systemic hormones for cosmetic purposes cannot be recommended, and it is important to understand the powerful effects of hormones throughout the body. The cosmetic and anti-aging industry is big business. Yet a major culprit for the skin thinning, wrinkling, and dryness associated with aging is the decline in hormones such as estrogen and progesterone in women, and testosterone in men. This program examines the relationship between hormones and skin properties and explores the effects of hormone replacement on some of the skin problems associated with hormonal decline. While hormone replacement cannot be recommended solely for cosmetic purposes, proper monitoring of hormone levels in an aging population can help identify deficiencies that can be resolved with judicious hormone use, which may have the added benefit of improving skin wellness and thereby saving substantial costs in cosmetic treatments.

#### Pre and Post Procedural Protocols

**Marie Piantino, L.E.** *Director of Education, American Academy of Medical Microneedling; Director of Corporate Education, Rejuvenapen*  
(Non-CME lecture)

Provide the Physician with a complete care program and reduce recuperation time make it a” seamless service”. How to manage pigmentation pre and post? What helps thermal healing/peeling skin/microscopic perforation? Does your sunscreen burn post treatment ? We will discuss types of ingredients delivery systems and have to create the perfect post care kit for each patient. Can we use camouflage if so what do we look for?

## SHORT ABSTRACTS • Friday, November 6<sup>TH</sup>

#### Cardiovascular Genomics: Is the Future of Cardiac Care Finally Here?

**George C. Shapiro, M.D., FACC** *Adjunct Assistant Professor Clinical Medicine, New York Medical College, Valhalla, NY; Founding Partner, Cenegenics, New York City; Member, AMMG Conference Planning Committee*

Advanced Genomic testing and Gene Editing as it relates to the cardiovascular system will be discussed. Genes associated with: Early and late onset CAD, premature hemorrhagic stroke, cardio embolic stroke, ischemic stroke, atrial fibrillation, familial aortic aneurysms and dissection, coronary artery calcium, myocardial infarction, CIMT thickness and carotid plaques, hypertension, lipids including PCSK9, diabetes mellitus, inflammation, cardiomyopathies, arrhythmias, congestive heart failure, adverse drug reactions, clopidogrel, warfarin, will be reviewed and presented in a format so the office-based physician can utilize these new tools in their medical practice to prevent CVD and improve longevity. The Illumina Metabochip, GWAS Loci for CAD, Whole Genome Sequencing, Transcriptomics and the CRISPR-Cas9 tool for Gene Editing will also be reviewed.

#### Featured Lecture Management of Atrial Fibrillation in 2015: Why Age Matters

**Win-Kuang Shen, M.D.** *Professor of Medicine, Mayo Clinic College of Medicine, Rochester, MN; Chair, Division of Cardiovascular Diseases, Department of Internal Medicine, Mayo Clinic, Phoenix, AZ*

Dr. Shen will provide information on recognizing age-dependent changes in atrial electrophysiology and increased risk of atrial fibrillation and will describe pharmacokinetic and pharmacodynamic changes of antiarrhythmic drugs as a function of age. He will provide an update of the most advanced treatment strategies for atrial fibrillation.

#### Mitochondrial Agents in Cardiovascular Disease

**Derrick M. DeSilva, Jr., M.D.** *Chairman, AMMG Conference Planning Committee; Co-Chair, Department of Complimentary Medicine and Senior Attending Staff, Raritan Bay Medical Center, Perth Amboy, NJ; Teaching Faculty, JFK Medical Center, Edison, NJ*

The mitochondria are the powerhouse of cells. If there is mitochondrial dysfunction there will be cellular dysfunction. This mitochondrial dysfunction may be one of the culprits in aging and it is well known that mitochondrial dysfunction does play a role in various disease states like cardiac dysfunction and could also play a

role in neuro-degenerative diseases. CoQ10 is probably the best-known nutrient that helps support mitochondrial energy, but there are many others. We will review the other new cellular energy nutrients and how these nutrients play a role in the aging process, neuro-degenerative diseases and metabolic disorders. We will also review some of the genetic markers that may point to cellular dysfunction and how these genetic markers will influence how we treat patients today and in the future.

### **The Relationship Between Heart-Brain Dynamics, Coherence, Optimal Health and Cognitive Function**

**Rollin McCraty, Ph.D.** *Director of Research, HeartMath Research Center, Boulder Creek, CA; Professor, Florida Atlantic University, Boca Raton, FL*

This presentation will cover the scientific background and clinical applications of a new approach to increasing patients' capacity to self-regulate that has a wide range of healthcare applications, including blood pressure control, CHF, arrhythmias, cardiac rehabilitation, digestive system disorders, headaches, asthma, diabetes, epilepsy and a wide range of psychological conditions, including anxiety, ADHD, sleeplessness and depression. It will provide an overview of how the heart and brain dynamically interact and how the heart synchronizes the neural activity in the brain systems that underlie one's ability to self-regulate energy expenditures, sustain resilience and perform optimally.

### **Controversies About the Cholesterol Guidelines: Population vs Personalized Therapy**

**Ernst J. Schaefer, M.D.** *Distinguished Professor & Senior Scientist, Human Nutrition Research Center on Aging, Tufts University, Tufts University School of Medicine, Boston, MA; Director, Cardiovascular Research Clinic, Boston, MA; Chief Medical Officer, Boston Heart Diagnostics, Framingham, MA*

Prior guidelines for the management of elevated blood cholesterol have focused on getting serum low density lipoprotein cholesterol (LDL-C) levels to < 100 mg/dL in high risk patients, and to < 70 mg/dL in patients with cardiovascular disease (CVD) and/or diabetes. Newly released guidelines focus on four groups aged 40 - 75 years as candidates for statin therapy after lifestyle modification: 1) patients with established CVD, 2) patients with diabetes, 3) patients with an LDL-C value > 190 mg/dL, and 4) patients with a 10 year risk of CVD > 7.5% [Stone N et al. *Circulation*. 2014;129 (Suppl 2):S1-S45.]. CVD risk assessment over 10 years is carried by accessing the website [www.mycardiacheart.org/CVriskcalculator](http://www.mycardiacheart.org/CVriskcalculator) and using age, gender, race, systolic blood pressure, treatment for high blood pressure, diabetes, smoking, total cholesterol, and high density lipoprotein cholesterol (HDL-C) (Goff DC Jr, et al *Circulation*.2014;129 (Suppl 2):S49-73). No goals for LDL-C lowering were provided except to get LDL-C reductions of > 50% in patients with CVD and LDL-C values > 190 mg/dL using intensive statin therapy (atorvastatin 40 - 80 mg/day or rosuvastatin 20 - 40 mg/day) or by about 30% in patients with diabetes or at high CVD risk with moderately intensive statin therapy. In my view and in those of the National Lipid Association, the International Atherosclerosis Society, and the European Atherosclerosis Society, the lack of clear targets is a shortcoming of the new guidelines, as is the lack of guidance with regard to patients > 75 years of age, and the use of non-statin medications. Recent randomized trials indicate that ezetimibe and fish oil both add CVD risk reduction benefit in CVD patients on top of statin therapy (IMPROVE-IT, JELIS), as does fenofibrate in diabetic patients (ACCORD) and niacin in CVD patients (AIM HIGH) provided they have HDL-C < 35 mg/dL and triglyceride levels > 200 mg/dL. The guidelines also do not take family history, lipoprotein(a), small dense LDL, HDL particles, homocysteine, or inflammation markers (C reactive protein, lipoprotein associated phospholipase A2, and myeloperoxidase) into account. In addition non cholesterol sterols and genetic markers (SLC01B1, MTHFR) inform us about more optimal personalized therapy. The current guidelines have significant shortcomings, and providers need to do their best to incorporate newer information in order to optimize therapy for CVD prevention.

### **Hormones and Cardiovascular Disease**

**Gary Donovitz, M.D., FACOG, FRSM** *Founder and CEO, BioTE Medical, Irving, TX; Founder and President, Institute for Hormonal Balance*

Hormones in men and women are often thought of for symptoms of the menopause and andropause. Whereas hot flashes, vulvovaginal atrophy and erectile dysfunction are certainly bothersome problems, cardiovascular disease remains the number 1 killer of men and women. For 20 years, big Pharma has attempted to brainwash physicians and patients into believing that statins were the key to reducing cardiovascular disease, but their success is limited and often detrimental. Bioidentical hormone therapy has both a protective effect and a therapeutic effect on cardiovascular disease. Maintaining optimal levels of hormones can increase blood flow, reduce plaque formation, and decrease inflammation in the coronary arteries. Their effect on serum lipids is also positive. So this lecture is intended to offer a path whereby we can begin reducing cardiovascular disease in both men and women, reducing mortality and improving quality of life.

### **Oral Pathogens and Coronary Heart Disease**

**Thomas E. Levy, M.D., J.D.** *Consultant, Riordan Clinic & LivOn Laboratories; Staff, Memorial Hospital, Colorado Springs, CO*

Inflammation is now accepted as the initiating common denominator in the evolution of coronary atherosclerosis. In spite of this, there has not been much investigation into why the inflammation in the endothelium of the coronary artery develops or presents in the first place. However, the dental and medical literature has recognized for some years now that there is a strong correlation between periodontal disease and coronary artery disease. It now appears that this is a causal relationship and not just a correlation. Multiple researchers have now established that the DNA of oral pathogens can be detected in the vast majority of patients with coronary artery disease, and not just those with periodontal disease. Root canal-treated teeth, pulpal infection, and apical periodontitis have been found to have typical pathogen/DNA profiles, and these profiles are being seen in greater than 90% of coronary atheromas. These profiles are now documented to be routinely present in the coronary arterial wall, the associated plaques, and in even higher concentration in the clots that acutely form and cause myocardial infarctions. Furthermore, very recent evidence is documenting the same profiles in the vasculature involved in strokes, and even in the pericardial fluid found at autopsy in patients with coronary artery disease. The emphasis of the presentation will be to present the documentation of these assertions, discuss the pathophysiology, and to make it clear that no myocardial infarction patient has been properly evaluated and treated in the absence of proper dental evaluation and treatment as well.

### **Erectile Dysfunction is Endothelial Dysfunction:**

#### **Understanding the Symptoms that Lead to Heart Disease**

**Nathan S. Bryan, Ph.D.** *Adjunct Assistant Professor of Molecular Medicine, Baylor College of Medicine, Houston, TX*

Erectile dysfunction (ED) is the inability to achieve or maintain an erection sufficient to allow satisfactory sexual intercourse. Affecting tens of millions of men worldwide, ED is growing rapidly, and its prevalence is expected to double over the next 20 years. Despite its growing incidence, which is partly a result of the sexual awakening stimulated by the new pharmacologic therapies, ED remains underdiagnosed, with millions of men worldwide never coming to medical attention because of the sensitivity of the issue. However, ED is now considered a symptom of another ED, endothelial dysfunction or the inability of endothelial cells to generate sufficient nitric oxide (NO). NO is a multifunctional signaling molecule, intricately involved with maintaining a host of physiological processes including but not limited to neural communication and the regulation of tissue perfusion and blood pressure. Loss of NO function is one of the earliest indicators or markers of disease. Experimental and clinical studies provide evidence that defects of endothelial NO production, referred to as endothelial dysfunction manifests firstly as erectile dysfunction in both men and women. Understanding that erectile dysfunction is not just a socially inconvenient condition but rather a symptom of a very serious underlying condition of endothelial dysfunction will allow physicians to implement strategies to restore NO production and vascular function to prevent progression of cardiovascular disease. Thirty plus years after its

discovery and over 12 years since a Nobel Prize was awarded for its discovery, there have been no hallmark therapeutic breakthroughs. We will review the current state of the science surrounding nitric oxide in the etiology of a number of different disease states and reveal the latest technology to safely and effectively restore nitric oxide in patients. The audience will learn the challenges and opportunities that exist in understanding NO homeostasis in their patients and how this may translate into better management of their patients.

#### Latest Advances in Lipid Testing and Inflammatory Markers

Cesar M. Pellerano, M.D. *Preventive Cardiologist, Miami, FL; Founder, Global Health Partners, Miami, FL*

It is well documented that up to 50% of patients with heart attacks have normal cholesterol levels. Over the years we have seen the development of advanced lipid panels, lipid particle size and lipid particle numbers as part of the evaluation. These have been accomplished by different methodologies. However, now we can expand on this knowledge by specific analysis of the HDL with the HDL Map technique. The same can be said of the LDL with the Cholesterol Balance Test. The HDL Map tells us the quality of the patient's HDL, but more importantly, how we can modify it to benefit the patient. The Cholesterol Balance Test gives us the information we need to tell a patient how they handle their cholesterol, and more importantly, how to direct their therapy. Inflammatory markers are extremely important in preventing Cardiovascular Disease. After all, Cardiovascular Disease is, by definition, an inflammatory disease. In my lecture we will point out how to use these markers, and how to modify them to benefit our patients.

## SHORT ABSTRACTS • Saturday, November 7<sup>TH</sup>

### Featured Lecture The Practical Deployment of Precision Medicine

Robert J. Hariri, M.D., Ph.D. *Adjunct Associate Professor of Pathology, Mt. Sinai School of Medicine, New York, NY; Founder and Executive Chairman, MYOS Corporation, Cedar Knolls, NJ; Co-Founder and Vice-Chairman, Human Longevity, Inc., San Diego, CA; Founder and Chairman, Celgene Cellular Therapeutics, Summit, NJ*

What can you offer patients today that provides them access to 21st Century Medicine?

*A more detailed abstract was not available at press time.*

The Complete Conference Syllabus  
including all PowerPoint presentations  
is available online at  
[www.agemed.org](http://www.agemed.org)

### Clinical Strategies to Implement Precision Medicine in an Age Management Practice

Florence Comite, M.D. *Courtesy Attending Physician, Yale-New Haven Hospital, New Haven, CT; Founder & CEO, Comite Center for Precision Medicine, New York, NY; Member, AMMG Conference Planning Committee*

President Obama's 2015 State of the Union announcement heralding a Precision Medicine Initiative introduced the nation to an emerging multi-disciplinary field in which a physician evaluates an individual, with extreme precision and at the cellular level, to detect, prevent and reverse disease years, even decades, before symptoms manifest. What has not been on the main agenda, however, is where, how, and when the physician can implement Precision Medicine into current practice, thereby offering a comprehensive analysis of present-day health and prediction of an individual's health trajectory. Precision Medicine for Age Management flips the traditional disease-centric model of medicine to focus on sustaining health before disorders of aging strikes. It is possible to alter genetic wiring by changing genomic expression of disease, thereby reversing diabetes, heart disease, stroke, osteoporosis and cancer associated with aging. Chronic diseases such as cardiovascular disease, diabetes, cancer, and degenerative disorders are generally multifactorial, and arise due to numerous triggers, from lifestyle to family history to the microbiome, driven by metabolic and hormonal factors among other variables. Genes are constantly being activated and silenced based on our environment—their expression is not written in stone. This means that genes are not necessarily destiny, and interventions can potentially change whether genes are triggered, a field called epigenetics. Employing genomics, epigenetics, metabolomics, proteomics - these specialized fields and more - is key to understanding each person at the cellular level. Individuals undergo extensive analysis which identify biomarkers and metrics.

Precisionists collect detailed family background and lifestyle measures that deepen an appreciation of both current and future health. Precision Medicine allows for precise personalized guidance with respect to subsequent diagnostic tests and procedures as well as interventions. The ultimate goal as a clinician: to thwart disease and prolong health. Precision Medicine Strategies in Age Management ultimately achieve the optimization of all health measures, a sustained vitality for life, and, truly, the potential for a health span to match a life span.

### Featured Lecture Demystifying Liquid Biopsies: How Cutting-edge Diagnostics are Generating New Insights for Therapy Selection and Resistance Monitoring in Cancer

Murali Prahallad, Ph.D. *President & CEO, Epic Sciences; Advisory Board, Department of Biomedical Informatics, Harvard Medical School*

Over the past several years, the advent of next generation sequencing (NGS) has shed light on cancer as a disease of the DNA. What is increasingly being appreciated is that cancer is not a disease of genomic "averages" but a disease of multiple clonal species that coexist in patients simultaneously and evolve in response to therapeutic selective pressure. This session will view the challenges posed by cancer's cellular heterogeneity and will explore how advances in the identification and characterization of circulating tumor cells are generating radically new insights into the disease. It will explore how these insights will change how we think about NCCN guidelines to how we can evolve towards a world of real-time, personalized matching of combination therapies to a patient's individual cancer profile.

### The Latest in Cancer Screening

D. James Morre, Ph.D. *Emeritus Professor of Medicinal Chemistry, Purdue University, West Lafayette, IN; CEO & Director of Research, MorNuCo, Inc., West Lafayette, IN; Editorial Boards, Biochimica et Biophysica Acta Biomembrane Reviews and Nonlinearity in Biology, Toxicology and Medicine*

Edwin N. Lee, M.D., *FACE Assistant Professor of Internal Medicine, University of Central Florida College of Medicine, Orlando, FL; Founder, Institute for Hormonal Balance*

Approximately 15 million Americans have cancer. However, when some cancers are diagnosed, it is usually too late to treat. For the past 50 years, we have been at war with cancer - a war we are losing, thanks to the current standard therapy of chemotherapy, radiation, and/or surgery. Rather, the way to win this war is by preventing cancer, as in this combined talk with Dr. Lee, who will be discussing the root causes of cancer. Dr. Morre, the sole discover of the ENOX proteins, will be lecturing on the spectrum of the Enox protein. The ENOX2 protein will be discussed as a very early marker for over 20 cancers. Some examples of the cancers that can be detected are: prostate, breast, colon, lung, ovarian, and pancreatic. This revolutionary test will be the game-changer in early detection of cancer and the management of cancer patients.

**Clinical & Translational Pharmacogenomics**

**Joseph P. Kitzmiller, M.D., Ph.D.** *Assistant Professor, College of Engineering, College of Medicine, The Ohio State University, Columbus, OH; Medical Supervisor, Ohio Clinical Trials & Premier Laser Spa; Physician, Gnome Diagnostics*

With President Obama's launch of the Precision Medicine Initiative in early 2015 the era of Personalized Medicine has officially commenced in the U.S. market, and words like pharmacogenomics and genetic risk score are becoming common vernacular. As physicians practicing age management medicine, we offer a proactive, preventative approach to healthcare for our aging patients in order to improve and preserve optimal human function and quality of life. Personalized medicine is certainly a significant component of optimal medical management, and although pharmacogenomic testing currently has only limited implications for hormone-replacement therapy, many of our patients are likely to be on medications for which pharmacogenomic testing is applicable. Genetics account for much of the variability in our patients' responses to drug therapies. This presentation offers the clinician an up-to-date overview of pharmacogenomic testing, briefly discussing implications and limitations of emerging validated tests relevant to the use of many commonly prescribed medications (e.g., warfarin, clopidogrel, statins, tamoxifen, codeine, and psychotropic drugs). The emerging future role of pharmacogenomics and personalized medicine will also be discussed.

**Genetic Screening: A Tool for Better Health With Age**

**Matthew Pratt-Hyatt, Ph.D.** *Associate Laboratory Director, Great Plains Laboratory, Lenexa, KS*

Genetic testing has long been considered the "future of medicine." Are we living in the future or is the future still "almost here"? New advances in sequencing technology have not only increased the amount of information available to patients, but have dramatically decreased the cost of testing. However, it may be difficult to determine which genetic test panels to request or which specific genes to test. Most genetics tests available on the market monitor for the presence of Single-Nucleotide Polymorphisms (SNPs), which are small changes in the genetic code that could lead to chronic diseases. In this presentation, Dr. Pratt-Hyatt will discuss several enzyme groups that are important to the aging patient population. These enzyme groups include the P450 drug metabolizing enzymes, the transporter enzymes, cholesterol biosynthesis enzymes, oxidation signaling enzymes, and detoxification enzymes. These enzymes determine how well the patient can metabolize drugs, transport drugs into the cell, maintain integrity of the brain, and mitigate damage from oxidative stress. An understanding of the genetic mutations in these key groups allows the physician to create a customized treatment plan specific to their individual patients' needs. Knowing the mutations in these enzyme groups will assist physicians in understanding dosing of medicine, what types of drugs may have harmful interactions, the distribution of drugs throughout the body, if cholesterol abnormalities could influence the brain, and if the key oxidation stress detection enzymes are functioning properly, all of which are important for the cells to avoid the deleterious effects of age.

**Nutrigenomics: Reshaping the Nutrition Landscape**

**Christine Houghton, B.Sc., D.C., R.Nutr., Ph.D. Cand.** *Ph.D. Researcher, School of Human Movement Studies, University of Queensland, Brisbane, Australia; Co-author, Educational Program Translational Nutrigenomics, Manuka Science, Durban, South Africa; Managing Director, Cell-Logic Pty Ltd, Queensland, Australia*

To the clinician embracing Nutritional, Integrative and Functional Medicine, the concept of Personalised Medicine is not new. As long ago as 1956, Dr. Roger Williams introduced the principle of Biochemical Individuality, heralding a new era in our understanding of disease etiology and the role of nutrients as intervention tools. Remarkably, Dr. Williams recognised that nutritional status can influence the expression of genetic characteristics, even though at the time no tools were available to determine biochemical

individuality. Fast-forward six decades and we witness an explosion of research in this field, often with conflicting findings and uncertain interpretation. The completion of the Human Genome Project in 2003 sparked hope that otherwise incurable diseases might be cured by the identification of the specific genes responsible for common diseases. Perhaps quite predictably, such a simplistic model explains the etiology of just a few diseases. However, a more eclectic view reveals the enormous value of being able to determine a patient's genotype as it relates to the core biochemical processes which underpin the development of disease, especially chronic disease. Out of this awareness have been born the companion disciplines of Nutrigenetics and Nutrigenomics. These disciplines are a melding of elements of the sciences of Biochemistry, Nutrition and Genetics as well as the many 'omics' which have emerged; as a result, developing clinical competence is not an easy task. Although each of us possesses potentially hundreds of 'at risk' gene variants, the challenge lies in knowing how to interpret the pattern of SNPs which a nutrigenetic report may present. Whilst contemplating the role that nutrigenetics and nutrigenomics might play in their own clinical practices, clinicians have been exposed to the plethora of companies providing nutrigenetics testing, each with a range of genes for which polymorphisms exist. The interpretive support offered by the accompanying reports is necessarily limited and many clinicians lack the confidence to involve themselves further. The purpose of this presentation is to outline the scope of practice that these emerging disciplines can offer. In so doing, we highlight a number of the genes for which significant interpretive data exist. Using case studies, we outline how a clinician can incorporate nutrigenetic and nutrigenomic principles to address the factors that underpin chronic disease and age-related disorders. Embracing Nutrigenomics principles has indeed the potential to reshape the nutrition landscape.

**Precision Medicine: The Role of Individualizing Recommendations for a Nutritional and Detoxification Program**

**Sangeeta Pati, M.D., FACOG** *Medical Director, SaJune Institute for Restorative and Regenerative Medicine, Orlando, FL; Board Certified, American Board of Obstetrics and Gynecology; Diplomat, Anti-Aging & Regenerative Medicine*

When developing a program that addresses nutrition and/or toxins precisely, it is important to be able to individualize the program to the specific conditions, symptoms and nutritional/ toxin status of the patient. There are those principles that may apply to all and those that apply specifically to the individual, either based on their condition or their genetic predispositions. This individualization becomes critical when one recognizes that nutrients and toxins have epigenetic control on gene expression. In this lecture I will cover how you approach the individual program in a practical manner. Specific areas that will be covered include:

- What are some concrete examples of nutrients and toxins that affect gene expression?
- How does the micro-biome play into this picture?
- What are some practical ways to assess the nutritional status and toxic load of the individual?
- What are some general nutrition/detoxification principles that may apply universally to most people?
- How does one utilize the specific nutritional measurements and toxic status of a patient to individualize the program?

The data and principles in this lecture include the clinical experience applied to over 10,000 patients over 10 years. These will be shared through practical case presentations.

**The Complete Conference Syllabus  
including all PowerPoint presentations  
is available online at  
[www.agedmed.org](http://www.agedmed.org)**

## Molecular Hydrogen: Therapeutic and Medical Applications

**Tyler W. LeBaron** *Adjunct Instructor of Physiology, Department of Biology, Brigham Young University-Idaho, Rexburg, ID; Executive Director, Molecular Hydrogen Institute*

Molecular hydrogen (H<sub>2</sub> gas) appears to be a biological signaling molecule similar to nitric oxide (NO\*), carbon monoxide (CO), and hydrogen sulfide (H<sub>2</sub>S) with marked therapeutic potential. Over 400 scientific articles have been published since the 2007-pioneering work on hydrogen gas that confirmed hydrogen's therapeutic effect in *Nature Medicine*. These articles along with 40+ human studies have shown molecular hydrogen to be therapeutic in essentially every organ of the human body and in 150 different human disease models. The safety of hydrogen gas in humans has been studied immensely since its widespread use in deep sea diving to prevent decompression sickness back in 1941. This medical gas has marked therapeutic potential in the field of disease prevention, anti-aging and longevity. H<sub>2</sub> can easily diffuse through the cell membranes and intercellular compartments not only because it is the smallest molecule in the universe, but it is also electrically neutral and hydrophobic. H<sub>2</sub> selectively scavenges the cytotoxic hydroxyl radicals (\*OH) without eliminating the beneficial signaling molecules (e.g. H<sub>2</sub>O<sub>2</sub>, NO\*, O<sub>2</sub>·-, etc.). It can also stimulate the Nrf2 pathway leading to increased endogenous antioxidants including glutathione, superoxide dismutase, catalase, etc. Lastly, the cell modulating property of H<sub>2</sub> affords it with remarkable anti-inflammatory, anti-allergy, anti-apoptotic, and anti-aging benefits. There are many methods of H<sub>2</sub> administration, including H<sub>2</sub> inhalation, injection of H<sub>2</sub>-rich saline, ingestion of H<sub>2</sub>-rich water, and consumption of fibers that are metabolized by intestinal flora to produce H<sub>2</sub> gas. The high safety profile, ease of use, and remarkable therapeutic efficacy of H<sub>2</sub> therapy, make its use paramount for anyone in the field of anti-aging medicine.

## Stem Cell Therapy for Cardiovascular Disease, Initial Results in CHF and PAD

**Ernst R. Schwarz, M.D., Ph.D.** *Professor of Medicine, Cedars Sinai Medical Center at UCLA*

Study co-authors: Karen Mulholand Angelus, Olivia Biswas, Kristin Comella

Cellular regenerative therapy has evolved in recent years as a repair strategy to address tissue damage formerly considered to be irreversible. Several international studies since 2000 have shown beneficial results using different types of stem cells derived either from bone marrow, adipose tissue or the heart that were administered either directly intramyocardially, intravenously, or intracoronarily with promising results in regard to improved perfusion, contractility and scar reduction in patients with ischemic cardiomyopathy and congestive heart failure. In addition, cellular therapy in patient with severe peripheral arterial disease has demonstrated anecdotal results with improved perfusion secondary to angiogenesis, tissue repair and salvaged legs by avoiding amputations. We present initial data on the very first U.S. hospital based stem cell therapy clinic in patients with congestive heart failure, coronary artery disease, peripheral artery disease and erectile dysfunction with regard to improved functional capacity and clinical outcomes.

## Methods and Case Studies of Longevity and Optimization of Health in an Integrative Internal Medicine Practice

**Dushyant Viswanathan, M.D., ABIM, ABIHM** *Medical Director, The Columbia Center for Integrative Medicine (CCIM), Columbia, MD*

This lecture will articulate background evidence, theoretical framework, methods, and results of an integrative internal medicine practice specializing in longevity and optimization of health. Background evidence will explore therapeutic impact of nutrition, hormone therapies, micronutrient therapies, lifestyle practices, the clinical use of yoga, and

the science of connection. Theoretical framework will articulate the translation of the background evidence into real-world clinical situations in the workflow of the medical practice. Methods that will be delineated involve specific customized medical programs and lifestyle practices which lead to measurable objective and subjective clinical improvement in targeted areas (i.e. bone density, exercise capacity, quality of life, serologic data, organ function, capacity for mobility, symptom scores). Our discussion of results will highlight a particular case of a 55 year old woman who presented with certain symptoms, underwent assessment, started therapeutic programs, resolved symptoms, and moved towards longevity and optimization of health measured by improved subjective quality of life, improved bone density, resolution of autoimmune pathology, and demonstration of improved cardiac, adrenal, endocrine, and gastrointestinal health. It is our hypothesis that such a model of medical practice will lower the human and financial burden of chronic illness, and improve the quality of experience of our fellow man.

## The Conventional Model: Methods in Longevity and Optimization of Health

**Bhavesh K. Patel, M.D.** *Founder and CEO, Cenegenics Chicago*

This lecture will examine a more conventional approach to Age Management Medicine which uses extensive diagnostic testing, individualized patient treatment plans incorporating fitness, nutrition, weight control and Hormone Therapy if indicated. Although this model is considered more conventional, by incorporating fitness and an array of nutritional supplements it may not totally meet the conventional strict criteria of "mainstream" however in this industry over time these protocols are becoming more commonplace.

## Stem Cells as Possible Treatment for ED in the Setting of Radical Prostatectomy and Radiation and Diabetes: Understanding of the Technique for Intracavernosal Injection with Stem Cells

**Carlos Mercado, M.D.** *Medical Director, EternaMD Medical Rejuvenation Center, Lake Mary, FL; CEO & Medical Director, Stem Cells MD*

ED (Erectile Dysfunction) affects 10 percent of the population worldwide. In 1995 it was estimated that 152 million were affected by ED. It is estimated that by 2025 352 million of population worldwide will be affected. Currently there is not available treatment that can restore or regenerate the tissues in the corpus cavernosum or arterial system that will cure the ED. A 20 percent failure rate with present therapies and high rate of drop out in patients with ED due to Radical Prostatectomy and Post Radiation. Testosterone Replacement is the only independent risk factor that might help Endothelial dysfunction and consequently ED. Adipose tissue is abundant and easy to collect from a miniliposuction. The procedure consists in collecting a lipoaspirate of 60 ml. No general anesthesia is required. It is an outpatient procedure. Adipose Tissue is processed using collagenase enzyme. SVF (Stromal Vascular Fraction) is isolated. Blood is obtained through a venipuncture. PRP (Platelet Rich-Plasma) is obtained. The SVF is suspended in PRP. The mixture is injected into the Corpus Cavernosum using our designed protocol for injection into the Corpus Cavernosum. Two types of patients: 1- DM 2- ED due to Prostatectomy and Radiation. Patients filled out the Intensity Score questionnaire before and after procedure. Both reported better erections in the morning, firmer, with better response to PDI5 inhibitors for which they were not responders prior to the treatment. This might be due to stem cells to regenerate Corpus Nerve and Endothelial cells enhancing the Nitric Oxide production and then have the PDI5 inhibitors to work. Complications: None. The IC injection of a suspension of SVF in PRP appears promising in ED patients due to DM and Prostatectomy and Radiation in which at present there is no a CURE and they have a high rate of failure to PDI5 inhibitors. The procedure is done as outpatient and requires no general anesthesia. The potential to treat diabetes as early as diagnosed might be a possibility since lower fasting glucose levels and improvement in HbA1C were noticed. More studies are needed.

### PLEASE NOTE:

No photography or video recording is permitted during conference sessions. Slides and other conference session materials may not be reproduced without express permission.

Entire contents © Copyright 2015. Age Management Medicine Group



LONGEVITY PHYSICIANS  
Insurance Company



**Be protected  
from the unexpected**

A company that understands the  
practice of Age Management Medicine

**Are you paying too much for your  
medical malpractice insurance?**

**LPI rates are typically half of what you're paying now!**

Coverage is available for all aspects of your practice including:

**Hormone Replacement Therapy  
Erectile Dysfunction  
HCG obesity treatment  
Weight Loss Medication  
Plus Others . . .**

**DECREASE YOUR PREMIUM NOW!**

Call 860.466.5307 or go online to:

[www.longevityphysiciansinsurancecompany.com](http://www.longevityphysiciansinsurancecompany.com)

In association with:





# Faculty Biographies



## **Angeli Maun Akey, M.D., FACP**

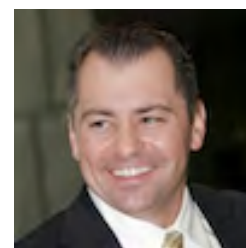
*Adjunct Clinical Professor, University of Florida College of Medicine, Gainesville, FL  
Medical Director & Owner, Ageless Medical Solutions, Gainesville, FL  
Medical Director & Owner, North Florida Integrative Medicine, Gainesville, FL*

Angeli Maun Akey, M.D., FACP is a primary care Internal Medicine physician in Gainesville, FL. She is the medical director and owner of North Florida Integrative Medicine, PA and Ageless Medical Solutions, LLC. Dr. Akey graduated from the University Of Florida College Of Medicine with honors in 1993. She completed her post-graduate residency in internal medicine at Yale-New Haven Hospital in 1996 and a chief medical residency at the Hospital of St. Raphael, a Yale affiliated institution in 1997. She also served as a Clinical Instructor of Medicine at Yale Medical School. Dr. Akey was recruited to start a Harvard affiliated preventative medicine program in Florida; and in 1997, she became the founding medical director of the Palm Beach Institute of Preventative Medicine. Currently, she holds an appointment as Clinical Assistant Professor at the University Of Florida College Of Medicine. Dr. Akey is Board-Certified through the American Board of Internal Medicine, National Board of Medical Examiners, and the American Board of Anti-Aging and Regenerative Medicine. She holds professional memberships in America College of Physicians-American Society of Internal Medicine, the American Academy of Anti-Aging Medicine, and the Florida Medical Association.

## **Nathan S. Bryan, Ph.D.**

*Adjunct Assistant Professor of Molecular Medicine, Baylor College of Medicine, Houston, TX*

Dr. Bryan earned his undergraduate Bachelor of Science degree in Biochemistry from the University of Texas at Austin and his doctoral degree from Louisiana State University School of Medicine in Shreveport where he was the recipient of the Dean's Award for Excellence in Research. He pursued his post-doctoral training as a Kirschstein Fellow at Boston University School of Medicine. Dr. Bryan is an inventor on several U.S. patents and also an entrepreneur involved in successful commercialization of several of his discoveries. Dr. Bryan has published a number of highly cited papers and authored or edited four books.



## **Florence Comite, M.D.**

*Courtesy Attending Physician, Yale-New Haven Hospital, New Haven, CT  
Founder & CEO, Comite Center for Precision Medicine, New York, NY  
Member, AMMG Conference Planning Committee*

Dr. Florence Comite is a noted endocrinologist, a graduate of Yale University School of Medicine; she was an Associate Clinical Professor, on the Yale faculty for 25 years, and the founder of Women's Health at Yale in 1990. Dr. Comite's predominate focus over the last decade is based on the evolution of Precision Medicine™ in practice, implementing genomics and epigenetics within a clinical setting, utilizing a multi-talented team, to prevent diabetes, cardiovascular disease, reverse sarcopenia, extend health span, and sustain vitality to optimize health. Dr. Comite completed a fellowship in Reproductive Endocrinology, incorporating training in Medicine, Pediatrics, Gynecology and Andrology, at the National Institute of Child Health and Human Development at NIH. Dr. Comite has served on numerous advisory councils and committees with the NIH, the Egyptian Ministry of Health, the International Spa Association, and the Institute of Medicine, and is currently a member of the Age Management Medicine Group, conference-planning committee, Independent Doctors of New York, and the Physician Scientific Society as well as Alpha Omega Alpha, and numerous scientific associations across multiple disciplines. Dr. Comite won the Salk award for original research at Brooklyn College at CUNY, the Louis Welt Award at Yale Medical School, the Alan Mintz M.D. Award for Clinical Excellence in Age Management Medicine, and has been the recipient of multiple awards for original research throughout her career. She has published extensively in peer review literature, with articles in the New England Journal of Medicine, JAMA, Journal of Clinical Endocrinology and Metabolism, among others. Her recent scientific abstract in June 2013 focused on male andropause, entitled: "Hormonal Expression of Androgen Deficiency in Aging Men (ADAM)," the findings were presented at the Endocrine Society. In October, Rodale published her book for men, "Keep It Up™: The Power of Precision Medicine™ to Conquer Low T and Revitalize Your Life."

## **Mary L. Corry, RN, BSN**

*CNA Program Coordinator, Illinois Eastern Community Colleges District  
Coordinator, Allied Health, Olney Central College, Olney, IL  
AMMG Certification, Essential Knowledge in Age Management Medicine  
Member, AMMG Conference Planning Committee*

For the past seven years, Mary Corry has been working as the Coordinator of Allied Health at Olney Central College in Olney, IL. She has organized, conducted, and facilitated over 30 nursing education workshops on various healthcare topics. In 2014, she was promoted to the CNA Program Coordinator for all four community colleges in the Illinois Eastern Community Colleges District. Since 2011 she has served on the Illinois Department of Public Health Basic Nursing Assistant Advisory Committee. Mary has been a speaker at the State CNA Educators Conferences and has lectured on Age Management and Restorative Care. She presented and moderated for a Wellness Symposium in West Virginia in the summer of 2014. Mary Corry joined the Age Management Medical Group and completed her Certification in Essential Knowledge in Age Management Medicine in January of 2015. She received her Bachelor of Science Degree in Nursing from Indiana State University and has been certified as a Personal Trainer through the American Council on Exercise for over 10 years. Mary's passion is to teach lifestyle modification.



**The Complete Conference Syllabus including all PowerPoint presentations is available online at [www.agedmed.org](http://www.agedmed.org)**

# Faculty Biographies

## **Derrick M. DeSilva, Jr., M.D.**

*Chairman, AMMG Conference Planning Committee*

*Co-Chair, Department of Complimentary Medicine and Senior Attending Staff, Raritan Bay Medical Center, Perth Amboy, NJ*

*Teaching Faculty, JFK Medical Center, Edison, NJ*



Dr. DeSilva is a practicing Internist at the Raritan Bay Medical Center in Perth Amboy, NJ. As an adjunct professor at JFK Medical Center in Edison, NJ, he has lectured on various topics in medicine, nationally and internationally, and is an avid member of The American Medical Association, American Diabetes Association, American Heart Association, and Society of Internal Medicine, as well as president of the American Nutraceutical Association and vice president of Medical Spa Professional Alliance. Dr. DeSilva has authored and published "Coping with Lyme Disease" and "Ask the Doctor." He has his own radio talk show, "Ask the Doctor" which airs on WCTC Radio in New Jersey (1450 AM), as well as his own television show, "Your Natural Health" on News 12 New Jersey, and a monthly

column, "Ask Dr. DeSilva" in the e-Journal of Age Management Medicine. He has also attained national television exposure by hosting medical segments on CNN and appearing as a guest on numerous programs, including ABC Night Line. Dr. DeSilva has been instrumental in the formulation of over 100 different natural products. He is currently Chair of the AMMG Conference Planning Committee.

## **Gary Donovitz, M.D., FACOG, FRSM**

*Founder and CEO, BioTE Medical, Irving, TX*

*Founder and President, Institute for Hormonal Balance*

Dr. Gary Donovitz has been an innovator in bio-identical hormone replacement for 20 years. He is the Medical Director for The Institute for Hormonal Balance. Over the past seven years he has championed the mission of changing healthcare through an individualized, comprehensive method of hormone optimization. He is considered an expert in the field of subcutaneous hormone pellet therapy and is an international lecturer on the subject. Dr. Donovitz has performed more than 50,000 pellet insertions. He was given the award for best teaching resident at Tulane University in New Orleans, LA, and is a Fellow of the American College of Obstetrics and Gynecology and a Fellow of the Royal College of Medicine, and delivered 7500 babies in Arlington, TX. Dr. Donovitz was a pioneer in robotic surgery and trained physicians across the country. His new book, *Age Healthier...Live Happier, How to Stop Overmedicating Through Natural Hormone Balance* will be published in March of this year.



## **Kevin M. Finnegan, M.S.**

*Director, Product Formulations, Cenegenics Global Health*

Mr. Finnegan received his Bachelor of Science degree in Physiology with a Minor in Chemistry from the University of Arizona where he participated in research involving various methods to identify body composition. Mr. Finnegan received his Master of Science Degree in Exercise Physiology from the University of Nevada, Las Vegas where he taught courses in Physical Activity and Aging for the Kinesiology department and assisted in conducting a 35-year longitudinal adult fitness research study. His thesis entitled, "The Effects of Sport Mouthguards on Physical Parameters at Sub-Maximal Exercise Level" was geared towards athletic performance and breathing pattern limitations using metabolic analyzers. He is currently employed as Clinical Nutrition & Exercise Lead at Cenegenics Medical Institute, Las Vegas, where he oversees a team of counselors who customize individual programs designed to meet patients' age

management goals through evaluation of patient specific diagnostics, lab panel and fitness results. As a Clinical Instructor, he instructs aspiring age management physicians in the practicalities of maximal oxygen uptake assessment and the development of exercise prescriptions as they apply to the age management patient.

## **Mark L. Gordon, M.D.**

*Medical Director, Millennium-TBI & The Millennium Health Centers, Encino, CA; CBS Studios;*

*USC, Keck School of Medicine, Department of Family Medicine, Los Angeles, CA*

*Medical Director of Education, Access Medical Laboratories, Jupiter, FL*

*Member, AMMG Conference Planning Committee*

*Life Member, AMMG*

Originally residency trained and board certified in Family Medicine (1984), Dr. Mark L. Gordon continued his medical education in Clinical Orthopedics (1990), Cosmetic Dermatology (1993), and Sports Medicine (1995) prior to culminating in Interventional Endocrinology (1997) - a term which he coined in 2003. In 2005, Dr. Gordon received his exempt Pharmacist license from the State of California. After 15 years as a general consultant to the Medical Board of California, he was enlisted as a consultant in Endocrinology, Internal Medicine and Alternative medicine in 2015. Dr. Gordon has been a strong advocate of preventive medicine through the optimization of neuroactive and neurosteroids. He was instrumental in increasing the recognition of Traumatic Brain Injury (TBI) as a cause of hormonal deficiency in the hallmarked presentation on ESPN's *Outside the Lines* (2007). His first book, *The Clinical Application of Interventional Endocrinology* (2008), is recognized by his peers as a dissertation on the standards of care and assessment for Hormone Replacement Medicine. His academic standards and medical knowledge had been recognized by USC, where he holds the position as Voluntary Associate Clinical Professor (1998) in the USC Keck School of Medicine. As medical director of CBS Studios (2001), he has participated in studio projects in addition to outside projects with HBO, CBS, ESPN, CNN, FOX, and a number of international programs. In 2004, Dr. Gordon recognized the association between TBI, hormonal imbalances and neurobehavioral conditions. Since then he has focused intensely on this association lecturing to both national and international organizations. In 2015, he was invited to give his TBI - A Hormone Dysfunctional Syndrome at UCLA under the late Dr. Stephen L. Coles. Dr. Gordon is Medical Director of Millennium Health Centers, Inc. - Medicine for the 21st century, in Encino CA. In 2010 he became the Medical Director of Education for Access Medical Laboratories of Jupiter, FL, helping to promote the newest technologies in laboratory science. In 2015, Dr. Gordon released his newest book, *Traumatic Brain Injury - A Clinical Approach to Diagnosis and Treatment*, presenting the science and his experience treating all precipitating causes of traumatic brain injury in both military, veteran, sports, and civilian populations. Presently, Dr. Gordon has joined with charitable organizations Warrior Angels Foundation and Task Force Dagger to provide services to members of the armed forces both active and veterans.



# Faculty Biographies



## Robert J. Hariri, M.D., Ph.D.

*Adjunct Associate Professor of Pathology, Mt. Sinai School of Medicine, New York, NY  
Founder and Executive Chairman, MYOS Corporation, Cedar Knolls, NJ  
Co-Founder and Vice-Chairman, Human Longevity, Inc., San Diego, CA  
Founder and Chairman, Celgene Cellular Therapeutics, Summit, NJ*

Dr. Hariri is considered a visionary serial entrepreneur in biomedicine and aerospace. The Chairman, Founder and former Chief Executive Officer of one of the world's largest human cellular therapeutics companies, Dr. Hariri has pioneered the use of stem cells and biomaterials to treat a range of life threatening diseases. His activities and experience includes academic neurosurgeon at Cornell, executive, military and defense scientist, surgeon and aviator and aerospace innovator. Dr. Hariri has over 90 issued and pending patents, has authored over 100 published chapters, articles and abstracts and is most recognized for his discovery of pluripotent stem cells from the placenta and as a member of the team which discovered TNF (tumor necrosis factor). Dr. Hariri was recipient of the Thomas Alva Edison Award in 2007 and 2011, and has received numerous other honors for his many contributions to biomedicine and aviation. Dr. Hariri co-founded Human Longevity, Inc. with Drs. Craig Venter and Peter Diamandis. A jet-rated commercial pilot with many thousands of hours of flight time in over 60 different military and civilian aircraft, Dr. Hariri is a founder and board member of the Rocket Racing League, an extreme aerospace corporation and Jet-A, an FAA certified international heavy jet charter airline. Dr. Hariri serves on numerous Boards of Directors including Myos Corporation and Provista Diagnostics and is a member of the Board of Visitors of the Columbia University School of Engineering and Applied Sciences and the Science and Technology Council of the College of Physicians and Surgeons, as well as a member of the Scientific Advisory Board for the Archon XPRIZE for Genomics, which is awarded by the XPRIZE Foundation. Dr. Hariri is also a Trustee of the J. Craig Venter Institute and Vice Chairman of the Board of the Liberty Science Center, and has been appointed Commissioner of Cancer Research by NJ Governor Christie. Dr. Hariri received his undergraduate training at Columbia College and Columbia University School of Engineering and Applied Sciences and was awarded his M.D. and Ph.D. degrees from Cornell University Medical College. Dr. Hariri received his surgical training at The New York Hospital-Cornell Medical Center and directed the Aitken Neurosurgery Laboratory and the Center for Trauma Research.

## Christine Houghton, B.Sc., D.C., R.Nutr., Ph.D. Cand.

*Ph.D. Researcher, School of Human Movement Studies, University of Queensland, Brisbane, Australia  
Co-author, Educational Program Translational Nutrigenomics, Manuka Science, Durban, South Africa  
Managing Director, Cell-Logic Pty Ltd, Queensland, Australia*

Following 30 years in private practice as a Nutritional Biochemist, Christine is currently engaged in doctoral research at the University of Queensland, investigating bioactive nutrigenomic phytochemicals with significant clinical potential. She is an accomplished writer and an engaging speaker whose evidence-supported presentations may challenge accepted but often-outdated paradigms. Christine's forte lies in taking complex biochemical concepts and translating their essence into concepts relevant to the needs of practising clinicians. She is the author of "Switched On - Harnessing the Power of Nutrigenomics to Optimise Health". Her peer-reviewed publications include the Special Article published in 2013 in Nutrition Reviews: "SULFORAPHANE: Translational Medicine from Lab Bench to Clinic".



## Rudy M. Inaba, M.S.

*Director, Nutrition & Exercise, Cenegenics Elite Health  
Instructor, AMMEF Certification Course*



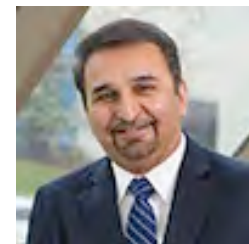
Rudy holds a Bachelor of Science in Exercise Science with a concentration in Cardiac Rehabilitation from Bloomsburg University of Pennsylvania where he cofounded the Bloomsburg Iron Club, a university recognized student organization that promotes sport nutrition and advanced resistance training protocols. Following graduation, Rudy relocated to Las Vegas where he completed post-graduate coursework in clinical exercise physiology at the University of Nevada, Las Vegas. He also worked as a personal trainer, helping clients at all levels of health. In 2009, Mr. Inaba joined Cenegenics. As Director of Nutrition and Exercise, Rudy oversees a team of 30 nutrition and exercise counselors at 20 Cenegenics locations. Rudy has been instrumental in the revitalization of Cenegenics Living Online, developing an

extensive exercise video library, recipes and exercise and nutrition tips. In his CERF Clinical Instructor role, he educates training physicians in nutrition and exercise prescription and holds live demonstrations of physiological assessments, such as maximal oxygen uptake and resting metabolic rate.

## Sanjay Kapur, Ph.D., MBA

*Professor, Portland Community College, Portland, OR  
CEO, Ayumetrix*

Dr. Sanjay Kapur has strong interests in development of new anti aging testing methodologies, innovative laboratory procedures and new applications of clinical laboratory testing. He has extensive experience in hormone research and has served in several lead positions directing large research studies involving development of novel laboratory tests and technologies related to diabetes, cancer, obesity, heart disease and hormonal imbalance. He has published several articles in the field of drug metabolism, cytotoxicity, signal transduction and hormone testing in peer reviewed national and international journals. In addition to being the Founder Chairman of Indian anti-aging society (SRAAMI), he serves on Editorial and Scientific Boards of many scientific journals and International Associations. Dr. Kapur is a sought after speaker on anti aging and hormone health and wellness at national and international medical conferences.



## IMPORTANT: CME CERTIFICATES

You must complete the online Conference Evaluation / Attendance form for CME credit

For your convenience, this is done entirely online.

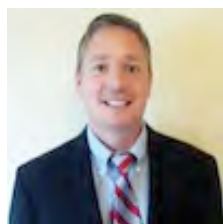
CME certificates can be printed out as soon as the evaluation form is submitted.

Go to [www.AgeMed.org](http://www.AgeMed.org), click on **November 2015 Conference**, go to **Accreditation** and follow the screen prompts.

A secure login is required: your access code is the full email address you used to register for the conference.

**NOTE: Attendees MUST submit the evaluation/attendance form online in order to be able to print their CME certificates.**

# Faculty Biographies



## **Joseph P. Kitzmiller, M.D., Ph.D.**

*Assistant Professor, College of Engineering, College of Medicine, The Ohio State University, Columbus, OH  
Medical Supervisor, Ohio Clinical Trials & Premier Laser Spa  
Physician, Gnome Diagnostics*

As an NIH Translational Scholar in Pharmacogenomics and faculty member at The Ohio State University (Colleges of Engineering and Medicine), Joseph Kitzmiller, M.D., Ph.D., F.C.P. focuses his research effort on investigating the interplay among genetics and cardiovascular pharmacotherapies. With active funding from the American Heart Association and the National Institute of General Medical Sciences, Dr. Kitzmiller leads basic, translational, and clinical research of the largest classes of cardiovascular medications, statins and beta-blockers. He is a board-certified Pharmacologist (American Board of Clinical Pharmacology) and supervises implementation of clinical pharmacogenetic testing for Gnome Diagnostics and drug-development pharmaceutical trials for Ohio Clinical Trials. At the Ohio State University, he is Associate Director of the Center for Pharmacogenomics and Director of the Clinical Pharmacology Fellowship Training Program (1 of only 9 programs accredited by The American Board of Clinical Pharmacology). In 2014, Dr. Kitzmiller completed Physician Training and Certification in Age Management Medicine.

## **Rob Kominiarek, D.O., FACOFP**

*Director, Alpha Male Medical Institute, Springboro, OH*

*Assistant Clinical Professor, Ohio University College of Osteopathic Medicine*

Dr. Rob Kominiarek, D.O., FACOFP is a board certified Fellow of the American College of Osteopathic Family Physicians and a Fellows Crest Award Winner in Family Medicine with advanced training in Age Management Medicine and Hormone Optimization. He is president and medical director of the Alpha Male Medical Institute. Dr. Rob is a graduate of the Nova-Southeastern University College of Osteopathic Medicine in Fort Lauderdale, FL. He completed his residency training at Ohio University, Grandview Hospital and Medical Center in Dayton, OH and is an Assistant Clinical Professor at Ohio University. An Amazon bestselling author and Executive Producer of a weekly health segment, "Dr. Rob In the House" on NBC2 in Dayton, OH, Dr. Rob is a medical advisor and director to emergency medical services, police departments and radio and television shows across the country. He is a veteran of the United States Army with a passion directed towards overall health of the mind and body thru proper nutritional habits, regular exercise, appropriate supplementation, and the intelligent optimization of hormones when clinically indicated. An avid athlete who enjoys cycling, swimming, triathlons, soccer, tennis, soaring, skiing Utah, Italian motorcycles, and automobile racing, Dr. Rob is a dedicated father who believes in practicing what he preaches, and as such lives a lifestyle dedicated towards healthy living and regular exercise.



## **Jeffrey P. Leake, M.D., ISSA-CPT**

*Partner, Cenegenics Elite Health, Las Vegas, NV  
Director, Physician Training and Certification, AMMEF*

Jeffrey Park Leake, M.D., is a partner at Cenegenics Elite Health in Las Vegas, Nevada, where he specializes in age management medicine and also serves in the capacity of Course Director for Physician Training and Certification in Age Management Medicine for the Age Management Medicine Education Foundation. He completed his undergraduate degree at the Ohio State University with a major in molecular genetics. He went on to do research in oxalate metabolism in the Department of Physiological Chemistry at OSU and teach biochemistry to first-year medical students at the Ohio State University College of Medicine. He received his Doctor of Medicine at OSU, and entered an anesthesiology residency at the Ohio State University Hospitals, becoming chief resident and later accepting a faculty appointment as a clinical instructor in anesthesiology. After completing his board certification in anesthesiology, he spent 27 years as a practicing anesthesiologist at Harrison Medical Center in Washington, becoming the first Director of Surgical Services there. In 2009, Dr. Leake transitioned from a career in anesthesiology to join Cenegenics as a clinical physician in age management. His interest in exercise and fitness developed naturally from his athletic career while at OSU, and he is certified by the International Sports Sciences Association as a personal trainer. His personal fitness regime includes weight training, plyometrics, yoga, sprint interval training and Krav Maga.

## **Tyler W. LeBaron**

*Adjunct Instructor of Physiology, Department of Biology, Brigham Young University-Idaho, Rexburg, ID  
Executive Director, Molecular Hydrogen Institute*

Tyler LeBaron is an Adjunct Instructor of Physiology at Brigham Young University-Idaho. He has a Bachelor of Science in Biochemistry with course work in Biochemistry, Physiology, Nutritional Biochemistry, Molecular Cell Biology, Quantitative Chemical Analysis, and Biology Analysis Techniques. He Interned at Nagoya University in the department of Neurogenetics to research the molecular mechanisms of hydrogen gas on certain cell signaling pathways. He is the founder and Executive Director of the MolecularHydrogenInstitute.com. He consults in and helps with product development for athletic supplements and hydrogen technology.



## **Edwin N. Lee, M.D., FACE**

*Assistant Professor of Internal Medicine, University of Central Florida College of Medicine, Orlando, FL  
Founder, Institute for Hormonal Balance*

After graduating from Medical College of Pennsylvania, Dr. Edwin Lee completed three years of Internal Medicine residency and then completed two fellowships - in Critical Care Medicine and in Endocrinology and Metabolism - at the University of Pittsburgh. Over the next ten years, Dr. Lee limited his practice to Endocrinology, Diabetes and Metabolism in central Florida. He also served as the Team Endocrinologist for the Cleveland Indians during their spring training in Florida until 2008. Dr. Lee then went into private practice when he founded the Institute for Hormonal Balance in 2008. His driving purpose for opening the Institute was being able to focus on prevention of disease and optimizing health. Hormonal balance, with bioidentical or natural hormones, is the cornerstone at the Institute for Hormonal Balance. Dr. Lee is an author and international spokesperson. In addition to writing his books, "Feel Good Look Younger: Reversing Tiredness Through Hormonal Balance" and "Your Best Investment: Secrets to a Healthy Body and Mind", Dr. Lee has published many articles in Internal Medicine and in Endocrinology. He was also an author in the fourth edition of "Textbook of Critical Care" in the chapter entitled, Neuroendocrine Immunology and the Role of Neuroendocrine Hormones in the Critically Ill Patient. He also is Assistant Professor of Internal Medicine at the University of Central Florida College of Medicine. Dr. Lee truly enjoys helping his patients achieve better health, and is well-known for passionately "practicing what he preaches." He has completed many marathons, triathlons and finished the Great Floridian Triathlon (Ironman distance). He has hiked the Grand Canyon south rim to north rim and back, and climbed to the summit of Mount Fuji and Mount Washington. He also recently hiked with his family to the highest peak in South Korea - Mount Hallasan. He also enjoys snowboarding, photography, wakeboarding, fishing, golfing, surfing and mountaineering.

# Faculty Biographies

## Thomas E. Levy, M.D., J.D.

*Consultant, Riordan Clinic & LivOn Laboratories  
Staff, Memorial Hospital, Colorado Springs, CO*

Dr. Levy is a board-certified cardiologist and a bar-certified attorney. After practicing adult cardiology for 15 years, he began to research the enormous toxicity associated with much dental work, as well as the pronounced ability of properly-administered vitamin C to neutralize this toxicity. He has now written ten books, with several addressing the wide-ranging properties of vitamin C in neutralizing all toxins and resolving most infections, as well as its vital role in the effective treatment of heart disease and cancer. Others address the important roles of dental toxicity and nutrition in disease and health. Currently, Dr. Levy continues to research the impact of the orthomolecular application of vitamin C and antioxidants in general on chronic degenerative diseases. His ongoing research involves documenting that all diseases are different forms of focal scurvy, arising from increased oxidative stress, and they all benefit from protocols that optimize the antioxidant levels in the body.



## Rollin McCraty, Ph.D.

*Director of Research, HeartMath Research Center, Boulder Creek, CA  
Professor, Florida Atlantic University, Boca Raton, FL*

Rollin McCraty, Ph.D. is Director of Research of the HeartMath Research Center at the Institute of HeartMath. He is also a Professor at Florida Atlantic University. A psychophysicologist, Dr. McCraty's research interests include the physiology of emotion, with a focus on the mechanisms by which emotions influence cognitive processes, behavior, and health as well as the global interconnectivity between people and the earth's energetic systems. Findings from this research have been applied to the development of simple, user-friendly mental and emotional self-regulation tools and techniques that people of all ages and cultures can use in the moment to relieve stress and break through

to greater levels of personal balance, stability, creativity, intuitive insight and fulfillment. Dr. McCraty and his research team regularly participate in collaborative studies with other U.S. and international scientific, medical and educational institutions. His research has been published in journals that include the American Journal of Cardiology, Journal of the American College of Cardiology, Stress Medicine, Biological Psychology and Integrative Physiological and Behavioral Science and many others. He has been interviewed for numerous feature articles in publications such as Prevention, Natural Health, Men's Fitness and American Health magazines, and has appeared on television segments for CNN-Headline News, ABC-World News Tonight, ABC-Good Morning America, NBC-Today Show, PBS-Body & Soul and Discovery Channel- and has been featured in a number of documentary films such as I am, The Truth, The Joy of Sox movie, The Power of the Heart, Solar Revolution, and The Living Matrix among many others.

## Nicole M. McDermott, RPA-C

*Physician Assistant, ComiteMD Center for Precision Medicine, New York, NY*

Nicole M. McDermott graduated from New York Institute of Technology in 2002 with a BS, in Physician Assistant. Prior to working at ComiteMD, Nicole practiced as a Physician Assistant specializing in Endocrinology and Diabetes management for the last 12 years, with her passion and focus on thyroid disease including thyroid cancer. At ComiteMD, Nicole is a member of the Clinical Team and with her endocrine experience her role is to assist with diagnosing, treating and preventing disease.



## Carlos Mercado, M.D.

*Medical Director, EternaMD Medical Rejuvenation Center, Lake Mary, FL  
CEO & Medical Director, Stem Cells MD*

Dr. Carlos Mercado graduated from Metropolitan University in Surgery and Medicine, Colombia, South America. He is Double Board Certified in Family Practice and Geriatrics. By the age of 22, he was being trained on a procedure that at the time was considered new—liposuction. At 26, Dr. Mercado was the only doctor in a small town in Colombia, dealing daily with extreme trauma, gunshot wounds, knife wounds, and baby deliveries, attending to the medical needs of some 5,000+ people in a setting where there was no general anesthesia or operating room. He noticed that patients healed better and had low to no complications with sedation and local anesthesia, and resolved that in the future should he work in the field of cosmetic surgery, he'd do so without the need for general anesthesia. Dr.

Mercado underwent extensive training in hormone replacement therapy through Cenegenics Institute, and embarked on additional training related to stem cells and continues this track of discovery with cell-assisted services for his patients, designed to rejuvenate and repair physical injuries. He also has been a pioneer of bioplasty in the U.S. The bioplasty technique allows no cutting, blunted instruments, provides natural and progressive results, with no need for general anesthesia, and can be used on reconstructive surgery as well. Dr. Mercado states that during his procedures his patients are awake, leave the office walking, without pain, and return to their job or regular routine very rapidly. Dr. Mercado continues to go back to Colombia, and includes "medical mission trips" for patients in need of reconstructive surgery using his bioplasty techniques.

## D. James Morre, Ph.D.

*Emeritus Professor of Medicinal Chemistry, Purdue University, West Lafayette, IN  
CEO & Director of Research, MorNuCo, Inc., West Lafayette, IN*

*Editorial Boards, Biochimica et Biophysica Acta Biomembrane Reviews and Nonlinearity in Biology, Toxicology and Medicine*

Dr. D. James Morré, Ph.D. was the Dow Distinguished Professor of Medicine Chemistry at the School of Pharmacy, Purdue University in West Lafayette, IN. Purdue is a public institution founded in 1869. Four of its professors have won the Nobel Prize, including Ei-ichi Negishi, another Distinguished Professor of Chemistry. Prof. Morré received his doctorate in biochemistry from the California Institute of Technology, Pasadena, CA (Cal Tech) in 1963. He was the Founding Director of the Purdue Center for Cancer Research (1976-1986). In 2004, he received the Society of Sigma Xi Faculty Research Award. He is the author or coauthor of more than 750 papers and reviews. He is listed among the 300 most-cited authors in science by Current Contents with 3,065 citations for the 14 year period between 1965-1978. He also placed above the 95th percentile in the distribution of extramural NIH funds over the past 24 years, according to Columbia University.



# Faculty Biographies



## **Bhavesh K. Patel, M.D.**

*Founder and CEO, Cenegenics Chicago*

Bhavesh K. Patel, M.D. is Board Certified in Age Management Medicine and founded the Chicago Center of Cenegenics in 2009. He has also pursued training through the Institute for Functional Medicine and is Board Certified in Family Medicine, and has worked extensively in Urgent Care and ER. He took a brief hiatus from medicine to work on Wall St. as a Biotechnology Research Analyst. Dr. Patel earned his B.A. from East Tennessee State University and his Doctor of Medicine from Rush Medical College of Rush University, Chicago. He has worked in occupational medicine and urgent care since 2002 and age management medicine since 2009.

## **Sangeeta Pati, M.D., FACOG**

*Medical Director, SaJune Institute for Restorative and Regenerative Medicine, Orlando, FL*

*Board Certified, American Board of Obstetrics and Gynecology*

*Diplomat, Anti-Aging & Regenerative Medicine*

Sangeeta Pati practiced obstetrics-gynecology in the Washington, D.C. and New York area for 13 years before opening an integrative medical center in Orlando, FL. She graduated at the top of her medical class at the University of Maryland School of Medicine, Baltimore, and completed her residency at Georgetown University School of Medicine, Washington, D.C. She has worked extensively internationally as Medical Director for a 350-employee non-profit organization, Engenderhealth, on maternal mortality reduction programs funded by the Gates Foundation. Dr. Pati is multilingual and is renowned in her field, having authored numerous scientific articles and being the highest demanded speaker for media interviews and domestic and international workshops on a regular basis. Dr. Pati's special interest and strength has been in helping health care providers learn how to put together and integrate into real practice the vast amount of information in the restorative medicine field. She is the director of a fully pre-booked Clinical Preceptor Program, which trains doctors and health practitioners in restoring optimal body function through protocols for hormonal balance, nutrition and detoxification. She is on the Board of Advisors for MDPrescriptives Supplement Company where she helps develop clinically effective supplement protocols and integrate them into research protocols. She also runs an on-line platform (Peacock Forum) for integrative health practitioners to communicate problem cases. SaJune Institute for Restorative and Regenerative Medicine offers integrated, evidence-based medical therapies, combining conventional, natural and complimentary modalities (i.e. acupuncture, chiropractic care, massage, homeopathy, oriental medicine, far infra-red therapy and microcurrent). The restorative model used at SaJune aims to restore optimal function to the body through 1) bio-identical hormone restoration, 2) nutritional restoration 3) detoxification 4) mind balance and 5) body balance. SaJune has strong special programs in weight loss, superfoods, plant-based nutrition, IV chelation, integrative cancer therapies, vascular disease reversal and organic skin care. 20% of patients seeking her medical care are from out of the state of Florida. 10% of her patients are medical doctors and nurses. Her medical care has been written about in the fictional book "Feeling Funkabulous" by Ivy Gilbert and "Aging Backwards" by Jackie Silver.



## **Cesar M. Pellerano, M.D.**

*Preventive Cardiologist, Miami, FL*

*Founder, Global Health Partners, Miami, FL*

Cesar M. Pellerano, M.D. is a Preventive Cardiologist in Miami, FL. Dr. Pellerano has practiced Clinical and Consultative Cardiology for over thirty years. Over the last ten years his Cardiology Practice has evolved into Preventive Medicine as well as Lifestyle Optimization. Dr. Pellerano received his M.D. at the University of Miami School of Medicine. He completed his Residency in Internal Medicine and was Chief Medical Resident at Mount Sinai Medical Center in Miami. He completed his Cardiology Fellowship at the University of North Carolina in Chapel Hill. Dr. Pellerano received his Age Management Training with Cenegenics. He served as the Chief Medical Director of Cenegenics Miami from 2012 to 2014. Dr. Pellerano has been a National and International Speaker in Advanced Lipid Panels, Inflammatory Markers of

Cardiovascular Disease and Preventive Cardiology for over 20 years. In addition, he has served as a speaker and advisor for several pharmaceutical companies. Dr. Pellerano is a founder of Global Health Partners dedicated to providing Quality Individualized Healthcare and Lifestyle Optimization.

## **Marie Piantino, L.E.**

*Director of Education, American Academy of Medical Microneedling*

*Director of Corporate Education, Rejuvapen*

Marie Piantino is currently the Director of Corporate Education for Rejuvapen, LLC. Co-Founder of both American Academy of Medical Microneedling, an International nonprofit organization for education, and DermaMD Skincare. She is recognized globally for her comprehensive and direct training style. Her vast knowledge and 25 years experience has allowed her to be published in and serve on the advisory board of monthly periodicals such as Healthy Aging magazine.

She has lectured at some of the world's most sought after events such as the A4M and AMMG where she also serves on the Board of Directors. Whether educating a physician, nurse or aesthetician, Marie's ability to provide technical knowledge with inspiration for microneedling/pre post care programs for treatments/ingredient knowledge/product selection/use of Growth Factors and camouflage is simply outstanding.



## **Murali Prahalad, Ph.D.**

*President & CEO, Epic Sciences*

*Advisory Board, Department of Biomedical Informatics, Harvard Medical School*

Murali Prahalad, Ph. D. is the president and CEO of Epic Sciences. Dr. Prahalad has more than 14 years of experience in technology and life science companies. Prior to joining Epic, he was formerly vice president of Corporate Strategy at Life Technologies, where he helped shape the organic and inorganic investment priorities across Life Technologies' research tools, clinical diagnostic and applied market portfolios. Dr. Prahalad was with Life Technologies since 2005, where he held multiple positions of increasing responsibility. His experience at Life Technologies ranged from mergers and acquisitions to inlicensing and general management, where he led large businesses that spanned genomics to cell biology. As a general manager, he had to grow revenue and profit by building stronger teams, driving innovation and managing operations for both consumable and instrument portfolios. Prior to Life Technologies, he was vice president of Business Development at Sequenom, Inc. He is also proficient and literate in several languages including Japanese, French and Kannada. Dr. Prahalad received a Ph.D. in biochemistry and molecular pharmacology and an M.S. in medical sciences from Harvard University, and he received his B.S. with honors in cellular and molecular biology and economics from the University of Michigan.

# Faculty Biographies

## Matthew Pratt-Hyatt, Ph.D.

*Associate Laboratory Director, Great Plains Laboratory, Lenexa, KS*

Matthew Pratt-Hyatt, Ph.D., received his Ph.D. in cellular and molecular biology from the University of Michigan. He has trained under Dr. Paul Hollenberg, a prominent researcher on drug metabolism and Dr. Curtis Klaassen, one of the world's leading toxicologists. He has over a dozen publications in well-known research journals such as PNAS and Cell Metabolism. He is currently Associate Laboratory Director at The Great Plains Laboratory, Inc. in Lenexa, Kansas, focused on diagnosis and treatment of mitochondrial disorders, neurological diseases, chronic immune diseases, and more. He specializes in developing tools that examine factors at the interface between genetics and toxicology. His work is bringing new insight into how genes and toxicants interact and how that may lead to mental health disorders, chronic health issues, and metabolism disorders.



## Neal Rouzier, M.D.

*Director, The Preventive Medicine Clinics of the Desert, Palm Springs, CA*

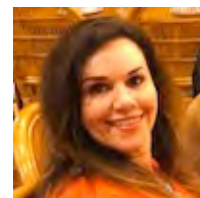
Dr. Rouzier is a practicing emergency physician and was assistant director of emergency medicine at Queen of the Valley Hospital in West Covina, CA for 15 years. After completing residencies in family practice and emergency medicine at UCLA, he has practiced emergency medicine for 25 years. Since 1997, Dr. Rouzier has also been medical director of the Preventive Medicine Clinics in Palm Springs and Palm Desert, CA. In private practice, his special interest for the last 12 years has been bioidentical hormone replacement and optimization for women and men. He lectures internationally on this new paradigm in medicine. In June 2006, he introduced bioidentical hormone replacement to 300 physicians in China. Since 1997, Dr. Rouzier has taught a comprehensive medical seminar on the clinical application of biologically identical hormone replacement. Dr. Rouzier authored the book, *Natural Hormone Replacement for Men and Women: How To Achieve Healthy Aging*. His basic, advanced and complex age management courses are accompanied by 300-page workbooks referencing the medical literature that provide the basis and science behind this new preventive medicine.



## Bertica M. Rubio, M.D.

*Medical Director, Antiaging Regenerative Medicine Clinic, Redlands, CA  
Medical Advisor, Rejuvenate Image Restoration, Refine and AQ Skin Solutions*

Born in Cuba, Dr. Rubio came to the U.S. as a political refugee. She graduated from Loyola Marymount with a B.S. in Science and subsequently received her M.D. from Dartmouth Medical School. Dr. Rubio practiced traditional medicine until 2006, and now concentrates on Regenerative Medicine.



## Marcus Sanchez

*Director Marketing, Rejuvagen, Jacksonville Beach, FL*

Marcus Sanchez graduated from Arizona State University and holds a Bachelors degree in Interdisciplinary Arts and Sciences with a focus on digital media, graphic design, social media marketing, and company branding. Currently Marcus is the the Marketing Director for Rejuvagen, LLC and the project Manager for the American Academy of Medical Microneedling (AAMM). Based in Phoenix, AZ, he thrives on challenges, particularly those that expand the company's reach in the digital world and the new "connection" economy. He is a believer that value is created by the connections we make and are fueled by a focus on two specific aspects of humanity - generosity and art.



## Ernst J. Schaefer, M.D.

*Distinguished Professor & Senior Scientist, Human Nutrition Research Center on Aging, Tufts University, Tufts University School of Medicine, Boston, MA*

*Director, Cardiovascular Research Clinic, Boston, MA  
Chief Medical Officer, Boston Heart Diagnostics, Framingham, MA*

Dr. Schaefer is the Chief Medical Officer and co-founder of Boston Heart Diagnostics, as well as a Distinguished University Professor at Tufts University School of Medicine and the Friedman School of Nutrition Science and Policy at Tufts University, and the director of the Cardiovascular Disease Prevention Clinic. He is a graduate of Harvard University and Mt. Sinai School of Medicine and did an internal medicine residency at Mt. Sinai Hospital, New York, and an endocrinology at the National Institutes of Health where he also served as a senior investigator. He is an author or co-author of over 500 publications and several books including in 2010 "High Density Lipoproteins, Dyslipidemia, and Coronary Heart Disease", Springer Publishing. He served on the first and second adult treatment panels of the National Cholesterol Education program (1988 & 1994), as the editor of the journal *Atherosclerosis* for 10 years until 2007, and as the chairman of the 15th International Symposium on Atherosclerosis in Boston in 2009. He is an internationally recognized expert in the diagnosis and treatment of lipoprotein disorders for the prevention of heart disease. In 2010 he received the Lyman Duff Award from the American Heart Association as well as being designated as a Master of Clinical Lipidology by the National Lipid Association.



## Erika Schwartz, M.D.

*Member, Board of Trustees and Managers, SUNY-Downstate College of Medicine, Brooklyn, NY  
President, Evolved Science*



Erika T. Schwartz, M.D. is a leading national expert in the field of bioidentical hormone therapies, wellness and true disease prevention, an international speaker and a highly sought after TV personality. A cum laude graduate, AOA honor society member, from SUNY Downstate College of Medicine, Dr. Schwartz trained at Kings County Hospital Center in Brooklyn, NY in Internal Medicine and Critical Care. Upon completion of her postgraduate training, at the age of 28, she became the first woman and youngest doctor to be named Director of Emergency Medicine at Westchester County Medical Center - New York Medical College in Valhalla, NY. Since the beginning of her distinguished career, Dr. Schwartz has been committed to empowering patients and teaching physician's compassion alongside with scientific and clinical information. She has lectured at Harvard, and authored the seminal article on the use of hormones in wellness and disease prevention in the prestigious peer reviewed publication *Medical Clinics*. Over the past 30 years, Dr. Schwartz has authored four best-selling books, has testified before Congress, hosted her own PBS pledge special on bioidentical hormones, is an Extra Lifechanger, was bylined in the *Wall Street Journal* and appeared on various news programs including CBS News, Larry King Live, CNN and MSNBC as well as The View, Oprah Satellite Radio, with Dr. Oz and many others.

# Faculty Biographies

## Ernst R. Schwarz, M.D., Ph.D.

*Professor of Medicine, Cedars Sinai Medical Center at UCLA*

Ernst R. Schwarz, M.D., Ph.D., FESC, FACC, FSCAI, is the Founder and Chairman of DSMI, Professor of Medicine and attending cardiologist at Cedars Sinai Medical Center, Clinical Professor of Medicine at the David Geffen School of Medicine at UCLA, CMO of HeartStem and Medical Director of Pacific Heart Medical Group. Dr. Schwarz is board certified in Internal Medicine, Cardiology/Cardiovascular Diseases, and Advanced Heart Failure Transplant Cardiology by the American Board of Internal Medicine, and a trained specialist in Interventional Cardiology, Age-Management Medicine and Sexual Medicine. Dr. Schwarz has an international reputation in the academic and clinical fields of cardiovascular medicine. He has published more than 150 scientific papers in international peer-reviewed journals and several book chapters and books on cardiovascular medicine. Dr. Schwarz works as a consulting cardiologist in several hospitals in the greater Los Angeles and San Diego areas, and he resides in Beverly Hills.



## George C. Shapiro, M.D., FACC

*Adjunct Assistant Professor Clinical Medicine, New York Medical College, Valhalla, NY*

*Founding Partner, CeneGenics, New York City*

*Member, AMMG Conference Planning Committee*

Dr. Shapiro has been a practicing physician for 25 years with board certifications in Internal Medicine, Cardiovascular Disease and Age Management Medicine. He completed his training and spent his early career at Columbia University College of Physicians and Surgeons in New York City focusing on Cardiovascular Disease Management including Congestive Heart Failure and Heart Transplantation. Dr. Shapiro grew a large, successful private practice in New York where he currently sees patients daily. Always challenged by the need to innovate medicine, Dr. Shapiro has patented medical devices as well as explored and innovated new medical protocols. This led him to a career in Age Management Medicine focusing on the prevention of heart disease and stroke, including cardiovascular genomics, metabolomics, microbiomics, regenerative medicine and improving human

longevity. Today he has a second practice located at 40 Wall Street where he is the Founding Partner of CeneGenics - New York City, serving some of the most powerful leaders in business and society from around the world with Age Management treatments. Dr. Shapiro is active in 13 medical societies, is a speaker for the Age Management Medicine Group (AMMG) and serves on the AMMG Conference Planning Committee. He also has been a national speaker for several top Pharmaceutical companies. In addition he was a clinical expert for various radio stations, and has been a medical consultant for several TV shows. He serves his local, regional and national community as an Emergency Responder with multiple roles including Physician/Firefighter for the Ardsley Volunteer Fire Department, and is a member of the Westchester County Department of Special Operations HAZ-MAT team where he is an Advanced HAZ-MAT Technician. He is on the Board of Directors for Orion Children International (OCI), a not-for-profit organization established to empower orphaned and vulnerable children (OVC) through early intervention.

## Win-Kuang Shen, M.D.

*Professor of Medicine, Mayo Clinic College of Medicine, Rochester, MN*

*Chair, Division of Cardiovascular Diseases, Department of Internal Medicine, Mayo Clinic, Phoenix, AZ*

Dr. Shen is staff Consultant and Chair of the Division of Cardiovascular Diseases at Mayo Clinic in Arizona. He is a Professor of Medicine at Mayo Clinic College of Medicine, Rochester, MN. He graduated with Alpha Omega Alpha honors from New York Medical College. He received his training in internal medicine, cardiology and electrophysiology from Mayo Clinic and Duke University Medical Center. He was recipient of the Young Investigator Award, NASPE (now Heart Rhythm Society) in 1991. He previously served as Chairperson for the Research Committee of the American Heart Association (AHA), Greater Midwest Affiliate; a member of the Scientific Committee of the Heart Rhythm Society and a member of the Board of the American Society of Geriatric Cardiology. He is currently a member of ACCF/AHA Task Force on Practice Guidelines, ACCF Electrophysiology Committee, AHA Clinical Cardiology Leadership Committee and Chair of the Committee of Cardiovascular Diseases of Older Populations at AHA. He has authored or co-authored more than two hundred original articles and editorials in peer review journals, thirty book chapters and co-edited three books. His primary clinical responsibilities are caring for patients with cardiac arrhythmias and devices. His research is focused on autonomic regulation, syncope, atrial fibrillation and sudden cardiac death. He is actively involved in graduate student, medical student, resident and fellow education and educational and scientific programs nationally and internationally.



## G. DeAn Strobel, M.D., FCOG

*Founder & President, Complete Women's Care/G. DeAn Strobel, M.D., P.A., Sherman, TX*  
*Medical Advisory Board, BioTE Medical*

Dr. G. DeAn Strobel is a native of northeast Louisiana where she grew up on a farm on the Mississippi River delta. After attending graduate school in engineering at Louisiana Tech University she decided that biological sciences and medicine was where she truly belonged, and moved to Louisiana State University Medical Center, where she found a new interest in obstetrics and gynecology. Enjoying the combination of basic medicine, specialty studies, and surgery, along with the knowledge that she would be able to follow her patients for many years and get to know them and their families well, Dr. Strobel moved to Dallas, TX to do her ob/gyn residency at Baylor University Medical Center. After the birth of her twins in 2001, Dr. Strobel decided not to return to practicing obstetrics in order to take care of her sons. That allowed her to focus her attention and energy into developing a clinic that is more attentive to the patient, where she concentrates on treating the

whole woman. She has also developed Allure Laser and Medical Spa to treat more cosmetic concerns that can sometimes lead to significant patient stress.



# Faculty Biographies

## Steven M. Villagomez, M.Ed.

*Exercise Physiologist, ComiteMD Center for Precision Medicine, New York, NY*

*Clinical Instructor & Assistant Professor, Exercise Physiology Graduate Program, Long Island University*

Steven Villagomez heads up the exercise and nutrition section of the ComiteMD program. As the lead exercise physiologist, he designed a state-of-the-art exercise physiology lab, which incorporates a Velotron Cycle, Trackmaster Treadmill, Motara Wireless EKG, EndoPat Unit and Medical Graphics Metabolic Cart. Steven tailors his lifestyle recommendations to meet the needs of each individual. In addition to his work at ComiteMD, Steven is a clinical instructor and an assistant professor in the Exercise Physiology graduate program at Long Island University. Steven attended the University of San Antonio for college, graduating in 2004. There he worked in pediatrics, studying motor development in special needs children. Steven then went to the University of Texas, Austin for his graduate work in exercise physiology. Throughout his education, he gained his experience in a human performance lab, as well strength and conditioning programs for University of Texas Longhorns. He worked at From the Heart Therapy, a sensory integration clinic, focused on children, who required patience and empathy. Steven started at ComiteMD in April 2007, working closely with Florence Comite, M.D. Together, they developed innovative clinical guidelines, grounding it in biochemistry based on Steven's training and experience to emphasize a preventative approach to health and wellness.



## Dushyant Viswanathan, M.D., ABIM, ABIHM

*Medical Director, The Columbia Center for Integrative Medicine (CCIM), Columbia, MD*

Dr DV, Dushyant Viswanathan, M.D., ABIM, ABIHM is a dual board certified integrative internal medicine specialist and Medical Director of The Columbia Center for Integrative Medicine (CCIM) which serves the needs of patients throughout California and Maryland. Dr DV completed medical school training at St. George's University School of Medicine in 2006 and Internal Medicine residency training at the University of Maryland Medical System. Balancing his work as a hospital medicine specialist in inpatient care, he also pursued training in functional medicine, receiving certification as a hormone balancing practitioner, nutritionist, Prolotherapist, and Yogatherapist. Consequently he is of service in both inpatient and outpatient venues of patient care. CCIM was founded in 2012, as a partnership between a holistic physical therapist, a spiritual healer, and Dr DV, and has since grown to have a nationwide reputation as a site of the highest quality medical care. Dr DV and CCIM specialize in reversing the underlying physiological and psychospiritual causes of illness, then using scientific methods of longevity practices originally articulated in ancient Indian yoga schools to promote optimization of health and wellness, en route to a state of coherent harmony, in which social, mental, emotional, spiritual, and physical aspects of the human being are aligned with each other and with the world at large. As a result of his work with CCIM, Dr DV was awarded "Top Integrative Internal Medicine Specialist in Maryland" in 2013 by the International Association of Internists.

## James L. Wilson, N.D., D.C., Ph.D.

*Founder and Research Director, Health Science Research Foundation*

*President and Chief Formulator, ICA Health, Tucson, AZ*

Dr. James L. Wilson is an internationally recognized authority on stress and a sought-after speaker at prestigious medical conferences around the world. He has contributed significantly to the clinical understanding of stress, nutrition and endocrine function, and is the physician who coined the term "adrenal fatigue" to describe a distinct, diagnosable syndrome. With a researcher's grasp of science and a clinician's understanding of its human impact, Dr. Wilson has helped thousands of healthcare professionals work more effectively with patients suffering from stress-related problems. One of his contributions in clinical education has been to show how to improve hormone balance through natural therapies and optimizing adrenal function. His best-selling book, Adrenal Fatigue: The 21st Century Stress Syndrome, has been translated into seven languages.



## Edward M. Zimmerman, M.D.

*Adjunct Associate Professor of Cosmetic Surgery, Touro University Nevada, School of Osteopathic Medicine, Henderson, NV*

*Medical Director & Owner, Las Vegas Laser & Lipo, Las Vegas, NV*

Edward M. Zimmerman, M.D., has degrees from Johns Hopkins, Georgetown and the George Washington University School of Medicine. He is a Diplomate of the ABFP and the American Board of Laser Surgery. Zimmerman is a Fellow of the ASLMS since 1994; member of the American Society of Cosmetic Laser Surgery; the American and European Academies of Cosmetic Surgery and the American College of Phlebology. Dr. Zimmerman serves as President of the American Board of Laser Surgery and is on the Board of Trustees of the American Academy of Cosmetic Surgery. He received the "Best of Las Vegas" award for Cosmetic Surgery, 2009; was selected an America's Top Surgeon-2010, 2012 and 2014 by the Consumer's Research Council of America; and elected a Lifetime member of Cambridge's Who's Who Registry. His office has been acclaimed for Excellent Customer Care by CMUS Talk of the Town - 2010-11-12-13-14-15. He was voted Silver State "Best Cosmetic Surgeon 2013" and again in 2014. Dr. Zimmerman is an Adjunct Clinical Professor of Cosmetic Surgery at Touro University School of Osteopathic Medicine. He directs Las Vegas Laser & Lipo, a State Licensed, Nationally Accredited surgical facility dedicated to the refinement and delivery of safe, surgical and non-surgical aesthetic procedures.

## The Perfect Patient Recruitment Tool

If you are Certified in Age Management Medicine, opt-in to be listed in **Find A Doc**, the online directory of physicians who have completed Training and Certification in Age Management Medicine through AMMG and AMMEF (or CERF) and have kept their certification active.

Accessible from both the AMMG and AMMEF websites and through the *E-Journal of Age Management Medicine*, the directory gives prospective patients who are looking for an Age Management Medicine provider a single source of doctors with the highest level of training and current knowledge of evidence-based, emerging science.

Get listed today at [www.agedmed.org](http://www.agedmed.org)



# Would you like to see an 80% increase in patient volume?



We will teach you how to utilize weight loss as your primary business to draw in age-management patients.

**Our program has strong conversion rates to age-management services and maintaining a solid, long-term patient base.**

- Comprehensive Training Program
- Journal Web-Based Application
- Full Marketing Package
- Customized Clinic Website
- Practice Management/EMR System
- Wholesale Lab Account
- Product Ordering
- National Network Directory

## YOU'RE INVITED! LEARN OUR BUSINESS SECRETS:

Breakfast in the Tower Ballroom at the Bellagio

Friday 11/6/15, 7:00-7:45am

No registration required, open to all AMMG conference attendees.



APPLY TODAY FOR ONE  
FREE MARKET ANALYSIS:



HealthyHabitsMC.com



877.581.4484



/healthyhabitsmc

Disclaimer: Healthy Habits™ has taken every effort to ensure we accurately represent our programs and their ability to grow your business. However, there is no guarantee for earnings or patient results from utilizing our programs.



## E-Journal of Age Management Medicine

The **E-Journal of Age Management Medicine** (Editor, Jeff Morris) is published monthly by AMMG. Now in its 9<sup>th</sup> year, this electronic publication is designed to introduce readers to the specialty of Age Management Medicine, whether they are healthcare professionals familiar with this proactive, preventative approach who have already incorporated it into their practice, or are among those interested in doing so. We acknowledge the medical professionals who have pioneered in this area, and our goal is to provide them and those who will follow in their footsteps with a reliable source of cutting edge news, practical advice and relevant information about Age Management Medicine—with the goal of superior patient care, increased practice revenue and greater job satisfaction. Your comments or suggestions are welcome at [journal@AgeMed.org](mailto:journal@AgeMed.org).

### CALL FOR ARTICLES AND PAPERS

The **E-Journal of Age Management Medicine** encourages and invites authors interested in submitting articles for publication to email us at [journal@AgeMed.org](mailto:journal@AgeMed.org).

**Specifications:** Articles should be **non-commercial** and must be related to Age Management Medicine. Those articles offering clinical perspectives or original research are given priority. Articles should be submitted in an electronic format, preferably in Microsoft Word as an attached file. Articles of extreme length may be split and published as multi-part articles. Please limit or exclude graphics. Articles should include a short biographical sketch of all listed authors.

**Provisions:** AMMG retains the right to refuse any article that we determine to be outside our editorial mission or inappropriate for this publication. AMMG may approve selected articles for reprinting in other publications, providing proper accreditation to the original author(s).

# Exhibitor Directory

**AMMG would like to acknowledge the valuable contributions of our Sponsors and Exhibitors.**

Their commitment to our common goals and the growth of the medical specialty of Age Management Medicine is greatly appreciated.

## ***Access Medical Laboratories***

5151 Corporate Way, Jupiter, FL 33458

Website: [www.accessmedlab.com](http://www.accessmedlab.com) Email: [sales@accessmedlab.com](mailto:sales@accessmedlab.com)

Phone: 866-720-8386 Fax: 866-610-2902

Access is one of the nation's largest full service medical laboratories offering the best in high quality diagnostic testing solutions. We provide a distinctive way of personalizing service for physicians and patients all over the world; there is simply no lab experience like it.

## ***Age Management Medicine Education Foundation-AMMEF***

851 S. Rampart Blvd., Las Vegas, NV 89145

Website: [www.ammeducation.org](http://www.ammeducation.org)

The leader in age management education - AMMEF offers a 52 Category 1 Credit CME training course and certification in Age Management Medicine. Through the contribution of experts in the fields of medicine, nutrition, and exercise physiology, our evidence-based approach is constantly evolving to stay current with the literature and ensure that you have the knowledge and scientific support to enhance your patients' quality of life. Completing this training is an important first step toward pursuing a career in Age Management Medicine. Stop at the AMMEF booth today!

**GOLD SPONSOR**

## ***AION Laboratories***

110 Cliff Drive, Spokane WA 99204

Website: [www.aionlaboratories.com](http://www.aionlaboratories.com) Email: [info@aionlabs.net](mailto:info@aionlabs.net) or [aioncs@aionlabs.net](mailto:aioncs@aionlabs.net)

Phone: 855-700-AION (2466) or 509-720-AION (2466) Fax: 509-209-5959

AION works collaboratively with cash based practices as a single source laboratory. In addition to providing the full span of testing required for assessment, we offer distinct solutions to your phlebotomy and logistics problems. Actionable lab results are available in the form of enhanced cumulative reports to support personalized medicine practices.

## ***AnazaoHealth***

7465 W. Sunset Road, Suite 1200, Las Vegas, NV 89113

Website: [www.anazaohealth.com](http://www.anazaohealth.com) Email: [emarketing@anazaohealth.com](mailto:emarketing@anazaohealth.com)

Phone: 800-995-4363 Fax: 800-238-8239

AnazaoHealth provides patient-specific compounded medications for Age Management, Hormone Replacement Therapy, Men and Women's Health, Urology and Weight Loss. AnazaoHealth, Las Vegas is both an FDA-Registered outsourcing facility, and a traditional compounding pharmacy. Purity, Potency and Quality have always defined our preparations and continues to be documented throughout our fulfillment process.

**SILVER SPONSOR**

## ***Apex Energetics***

16592 Hale Ave, Irvine, CA 92606

Website: [www.apexenergetics.com](http://www.apexenergetics.com)

Phone: 800-736-4381

Apex Energetics serves the healthcare community as a leading sponsor of cutting-edge functional medicine education and has created an innovative portfolio of research-guided nutritional formulas supported by superior customer service for over 25 years. At Apex Energetics, you and your patients are at the center of everything we do.

## ***Argentyn 23 by Natural Immunogenics***

7504 Pennsylvania Ave., Sarasota, FL. 34243

Website: [www.Argentyn23.com](http://www.Argentyn23.com) or [www.n-icorp.com](http://www.n-icorp.com) Email: [seth@n-icorp.com](mailto:seth@n-icorp.com)

Phone: 888-328-8840 Fax: 941-702-6101

Since 2001, Argentyn 23® has offered practitioners the safest, purest and most effective silver (Bio-Active Silver Hydrosol™) ever developed, for both internal and external clinical use. Natural Immunogenics, manufacturer of Argentyn 23, is the only NSF/GMP-certified silver manufacturer in the world. Argentyn 23 is carried by thousands of the finest clinics across all of N. America, parts of Central and S. America and across all of Europe. Our consumer brand is the best-selling Sovereign Silver product line.

## ***Belmar Pharmacy***

12860 W. Cedar Drive, Lakewood, CO 80228

Website: [www.belmarpharmacy.com](http://www.belmarpharmacy.com) Email: [tracy@belmarpharmacy.com](mailto:tracy@belmarpharmacy.com)

Phone: 800-525-9473 Fax: 866-415-2923

Since 1985, Belmar Pharmacy has specialized in compounded oral, sublingual, topical, and pellet implant dosage forms. What sets us apart is our unique BLA™ (Bioavailable Lymphatic Absorption) lipid matrix tablet system designed for oral HRT and our exclusive petroleum-free and paraben-free cream base. We also compound Low Dose Naltrexone, Acetylglutathione & Oxytocin.

## ***BioRegenerative Sciences Products (BRS Products)***

2632 SE 30th Place, Ocala, FL 34471

Website: [www.BRSProducts.com](http://www.BRSProducts.com) Email: [kim@brsproducts.com](mailto:kim@brsproducts.com)

Phone: 352-362-3173

Stem Cell-Based Cosmeceuticals & Therapeutics. BRS Products Innovative Adult Human Stem Cell-Based Anti-Aging Cosmeceuticals & Therapeutics for Skin Care, Wrinkle Reduction, Hair Thinning for Men & Women, Lash & Brow Enhancers, Pre/Post Laser Procedure Recovery, Wound Recovery, Stem Cell-Based Micro-Needling Solution, Stem Cell-Based Body Lotion with SPF 30+. KeraCellSynerCell Fusion Technology € Neurotris Micro Current Face & Body Sculptor with S2RM Stem Cell Gliding Gel Demonstrations.

## ***BIOSRX***

1300 E. Bidwell St, #105, Folsom, CA 95630

Website: [www.biosrx.com](http://www.biosrx.com) Email: [inquiries@biosrx.com](mailto:inquiries@biosrx.com)

Phone: 800-280-9277 Fax: 916-983-4968

Developers of Ticker®, an easy-to-use metered dispenser that offers patients the ability to self-administer large and micro-doses of topical hormone preparations with one single dispenser! Each click delivers 1/20th gram. Have your patients titrate upwards or downwards as you wish! Precision, accuracy, and ease-of-use are the hallmarks of Ticker. Available from BIOSRX.

## ***BioTE Medical***

1875 West Walnut Hill Lane, Suite 100, Irving, TX 75038

Website: [biotemedical.com](http://biotemedical.com) Email: [info@biotemedical.com](mailto:info@biotemedical.com)

Phone: 972-850-7292 Fax: 888-496-0394

BioTE Medical offers patients of certified providers a healthier and happier lifestyle for men and women using bio-identical hormone pellets placed under the skin, providing optimal hormonal levels. Complete BioTE systems are integrated into practices from state of the art medical training to business management and marketing. See [JoinBioTE.com](http://JoinBioTE.com) for more information.



## ***Boston Heart Diagnostics***

175 Crossing Blvd, Suite 100, Framingham, MA 01702

Website: [www.bostonheartdiagnostics.com](http://www.bostonheartdiagnostics.com)

Phone: 508-877-8711

Boston Heart is transforming the treatment of cardiovascular disease by providing healthcare providers and their patients with novel, personalized diagnostics and reports with integrated, customized lifestyle programs that have the power to change the way clinicians and patients communicate about disease and improve heart health.

## ***The Cardio Group***

2707 Cole Ave, Suite 127, Dallas, TX 75204

Website: [www.thecardiogroup.com](http://www.thecardiogroup.com) Email: [Melissa@thecardiogroup.com](mailto:Melissa@thecardiogroup.com)

Phone: 214-770-4934

The Cardio Group is the leader in Pulse Wave Analysis technology. The Max Pulse cardiovascular device is a three minute functional diagnostic specific to endothelial function, arterial elasticity, eccentric constriction as well as remaining blood volume valuations. The test can be administered by a staff member and is recognized by Medicare and most commercial payers. Within three minutes the patient and clinician are presented with valuable information regarding cardiovascular risk factors. The clinician may use this objective data to prove clinical efficacy, improve patient compliance as well as prove medical necessity for upper level diagnostics. This is a six figure cardiovascular profit center that will save lives through early detection.



## ***Cell-Logic-USA***

1739 Larkin Williams Road, St. Louis, MO 63026

Website: [www.Cell-Logic-USA.com](http://www.Cell-Logic-USA.com)

Phone: 855-336-4730 Fax: 877-903-9290

Cell-Logic-USA products were founded on the principles of nutrigenomics, the new paradigm in nutritional medicine. Food is information to our cells, and our products promote optimal wellness and disease prevention by switching on cellular defenses and switching off inflammation response. Learn about EnduraCell, GliSODin and more at [www.cell-logic-usa.com](http://www.cell-logic-usa.com)

## ***Cell Science Systems***

852 S. Military Trail, Deerfield Beach, FL 33422  
Website: [www.alcat.com](http://www.alcat.com) Email: [info@alcat.com](mailto:info@alcat.com)  
Phone 800-872-5228 Fax: 954-428-8676

Cell Science Systems is a life sciences company and the leader in food sensitivity/intolerance testing as the manufacturer of the Alcat test. We also provide a comprehensive Gut Health Profile (GHP) that evaluates the GI tract on a genetic, antibody and cellular level and specialized testing.

## ***Cenegenics Elite Health***

851 S. Rampart Blvd., Las Vegas, NV 89145  
Website: [www.cenegenics.com](http://www.cenegenics.com)  
Phone: 702-240-4200



Cenegenics Elite Health – global leader in age management medicine – is a recognized authority in the field, developing the world's largest age-management practice with 21 centers nationwide. Guided by eminent physician leaders, Cenegenics offers unique physician opportunities through the Cenegenics Fellowship in Age Management Medicine.

## ***College Pharmacy***

3505 Austin Bluffs Pkwy, Suite 101, Colorado Springs, CO 80918  
Website: [www.collegepharmacy.com](http://www.collegepharmacy.com) Email: [info@collegepharmacy.com](mailto:info@collegepharmacy.com)  
Phone: 800-888-9358 or 719-262-0022 Fax: 800-556-5893 or 719-262-0035

Knowledge Changes Everything: Quality. Innovation. Experience. Since 1974. Our compounding process, attention to detail, and quality of the compounding components continues to make our formulations exceptional. Expanded BHRT Pellet Implant Selection, BHRT, Specialty Injectables, IV Protocols, Age Management. **Now Available!** BioG MicroTabs Advanced Nutritional Supplement Blends (specialty, custom, private label).

## ***Complete Medical Services***

105 Peyerk Ct., Romeo, MI 48065  
Website: [www.completemedicalservices.com](http://www.completemedicalservices.com) Email: [Torlando@completemedicalservices.com](mailto:Torlando@completemedicalservices.com)  
Phone: 586-532-1142

Complete Medical Services has been an industry leader for diagnostic imaging equipment since 1996. Specializing in bone density equipment, fracture prevention programs and helping to enhance health and wellness programs monitoring accurate body composition analysis. CMS is also a GE Healthcare dealer for new bone density equipment to the private practice.

## ***Common Sense Supplements***

Website: [www.cs-supplements.com](http://www.cs-supplements.com) Email: [Derrick@cs-supplements.com](mailto:Derrick@cs-supplements.com)  
Phone: 732-659-4519

Common Sense Supplements is a natural supplement wholesaler and online retailer of the high-quality Common Sense Supplements line. We sell exclusively to physicians and other medical professionals. In addition to the many products we carry, Common Sense Supplements is also dedicated to continuing education for our partners.

## ***Crystal Clear Digital Marketing***

5728 Major Blvd., Suite 301, Orlando, FL 32819  
Website: [www.crystalcleardm.com](http://www.crystalcleardm.com) Email: [sales@crystalcleardm.com](mailto:sales@crystalcleardm.com)  
Phone: 888-611-8279 Fax: 305-230-2350

Crystal Clear Digital Marketing offers a complete Digital Marketing System: from Search Engine Optimization, Search Engine Marketing, Social Media Engagement, Websites, Email Marketing, Mobile & Text Marketing, Patient Relationship Management and so much more! Crystal Clear does most of the work so local practices don't have to.

## ***Designs for Health***

980 South Street, Suffield, CT 06078  
Website: [www.designsforhealth.com](http://www.designsforhealth.com)  
Email: [orders@designsforhealth.com](mailto:orders@designsforhealth.com)  
Phone: 860-623-6314

Designs for Health is a family-owned professional brand, offered exclusively to health care professionals and their patients. For 25 years, we have been the health care professional's trusted source for research-backed nutritional products of superior quality. By providing comprehensive support through our product line, clinical education, and practice development programs, we maximize the potential for successful patient treatment outcomes.

## ***Doctor's Data***

3755 Illinois Ave., St. Charles, IL 60174

Website: [www.doctorsdata.com](http://www.doctorsdata.com) Email: [info@doctorsdata.com](mailto:info@doctorsdata.com)

Phone: 800-323-2748 or 630-377-8139 Fax: 630-587-7860

Doctor's Data has provided innovative specialty testing to healthcare practitioners around the world from our advanced CLIA-licensed clinical laboratory since 1972. A specialist and pioneer in essential and toxic elemental testing, the laboratory provides a wide array of functional testing to aid in decision making and better patient outcomes.

## ***Empower Pharmacy***

Address: 12123 Jones Rd, Houston, TX 77070

Website: [www.empower.pharmacy](http://www.empower.pharmacy) Email: [snoorian@empower.pharmacy](mailto:snoorian@empower.pharmacy)

Phone: 832-678-4417 Fax: 832-678-4419

Empower Pharmacy provides healthcare practitioners and patients with high-quality formulations and outstanding customer service. It is our compounding process, attention to detail, and quality of the compounding components that continues to make our formulations exceptional. We are proud to be a leader in the compounding pharmacy industry.

## ***Evoke Neuroscience***

11 West 25th St, 10th Floor, New York, NY 10010

Website: [www.evokeneuroscience.com](http://www.evokeneuroscience.com) Email: [info@evokeneuroscience.com](mailto:info@evokeneuroscience.com)

Phone: 917-261-6096 Fax: 855-386-5387

Evoke Neuroscience is a medical neuroscience company that has delivered its FDA-registered device, eVox, to physicians nationwide since 2012. The eVox enables physicians to objectively measure and optimally manage patients with memory loss, cognitive impairment, and other stress related conditions.

## ***Forever Health***

3600 W Commercial Blvd., Ft Lauderdale, FL 33309

Website: [www.ForeverHealth.com](http://www.ForeverHealth.com) Email address: [docnetwork@foreverhealth.com](mailto:docnetwork@foreverhealth.com)

Phone: 800-990-9832 Fax: 800-598-7166

At Forever Health, we passionately believe that everyone deserves access to preventive care including BHRT, integrative, and environmental medicine. And consistent with the vision of our national spokesperson, Suzanne Somers, we offer practitioners an affordable network to connect with prospective patients who are seeking a new way to age.

## ***Genova Diagnostics***

63 Zillicoa Street, Asheville, NC 28801

Website: [www.gdx.net](http://www.gdx.net) Email: [info@gdx.net](mailto:info@gdx.net)

Phone: 800-522-4762 Fax: 828-252-9303

Genova Diagnostics is a leading clinical laboratory applying systems-based testing approaches to the diagnosis, treatment and prevention of complex chronic disease. Genova specializes in clinical laboratory services with actionable information.



## ***The Great Plains Laboratory***

11813 W 77th St., Lenexa, KS 66214

Website: [www.greatplainslaboratory.com](http://www.greatplainslaboratory.com) Email: [sales@gpl4u.com](mailto:sales@gpl4u.com)

Phone: 913-341-8949 Fax: 913-815-4043

The Great Plains Laboratory is a global leader in metabolic, environmental, and genetic testing for people with chronic illnesses and diseases. We provide you with the most reliable, comprehensive, and understandable scientific results, using the latest technology and proven techniques to maintain optimal health at all ages.

## ***Healeon Medical***

1111 Rancho Conejo Blvd., #204, Newbury Park, CA 91320

Website: [www.healeonmedical.com](http://www.healeonmedical.com) Email: [sales@healeonmedical.com](mailto:sales@healeonmedical.com)

Phone: 805-499-7482

Healeon Medical develops and commercializes a simple and innovative, group of technologies and techniques for the isolation of regenerative cells. The Healeon techniques combined with its state of the art CENTRiCyte 1000 ADRC Laboratory practically automates the manipulation and isolation of the cells from harvested tissue, simply, safely and automatically.

## ***HealthyCell***

87 Valley Road, Montclair, NJ 07042

Website: [www.HealthyCell.com](http://www.HealthyCell.com) Email: [dvg@cellhealth.net](mailto:dvg@cellhealth.net)

Phone: 973-339-5522 Fax: 973-440-9368

HealthyCell is a nutrition company dedicated to cell health. Its primary product, HealthyCell® Plus, is sold exclusively through physicians as a replacement for the multivitamin. This nutrition formula contains essential vitamins and minerals and over 60 phytonutrients. It includes AM and PM formulas for a 24-hour cycle of nutrition, and probiotics and enzymes for absorption.

## ***Healthy Habits MC***

26 S. Baltic Place, Suite 150, Meridian, ID 83642

Website: [www.healthyhabitsmc.com](http://www.healthyhabitsmc.com) Email: [info@healthyhabitsmc.com](mailto:info@healthyhabitsmc.com) or [drlundahl@healthyhabitsmc.com](mailto:drlundahl@healthyhabitsmc.com)

Phone: 208-995-2822 Fax: 208-884-2067

Healthy Habits specializes in the implementation of medical weight loss services. We teach you how to utilize weight loss as your primary business to draw in age-management patients. Our program has strong conversion rates to age management services and maintaining a solid, long-term patient base.

## ***HeartMath***

14700 West Park Avenue, Boulder Creek, CA 95006

Website: [www.heartmath.com](http://www.heartmath.com) Email: [info@heartmath.com](mailto:info@heartmath.com)

Phone: 800-450-9111 Fax: 831-338-9861

HeartMath has stress reduction technology which is simple and easy to use. Reducing stress and anxiety can be an important part of your treatment plans. Teach your patients to self-regulate their physiology by showing them the impact thoughts and emotions have on their body and how to change them.

## ***ICA Health***

P.O. Box 26021, Tucson, AZ 85726

Website: [www.icahealth.com](http://www.icahealth.com) Email: [scott@icahealth.com](mailto:scott@icahealth.com)

Phone: 888-237-3625 Fax: 520-395-9465

Supplements and protocols designed by Dr. James L. Wilson for healthcare providers who want clinically effective results that address the source, not just symptoms, of stress, adrenal fatigue, blood sugar metabolism, digestive health and immune function.

## ***The Identity Company***

4010 Technology Way, Unit: A, Carson City, NV 89706

Website: [www.identityhrt.com](http://www.identityhrt.com) Email: [sales@theidentitycompanies.com](mailto:sales@theidentitycompanies.com)

Phone: 775-883-1182 Fax: 775-883-0942

The Identity Company is the industry leading FDA registered manufacturer of superior hormone pellet insertion devices and procedure trays. American Engineered with innovation at the intersection of physician precision and patient comfort. Our devices and trays are tailored made to fit your personal procedural preference. Come by our booth and allow us to help you choose your IDENTITY...

## ***InBody***

13850 Cerritos Corporate Drive, Unit C, Cerritos, CA 90703

Website: [www.inbodyusa.com](http://www.inbodyusa.com) Email: [info@inbodyusa.com](mailto:info@inbodyusa.com)

Phone: 323-932-6503 Fax: 323-952-5009

InBody has revolutionized Body Composition Analysis through the InBody. The InBody allows for a quick test that prints a full page result sheet that provides users with their Body Fat %, BMR, Muscle balance, body water, progress graphs, and more.

## ***KORR Medical Technologies***

3487 W 2100 S #300, Salt Lake City, UT 84119

Website: [www.korr.com](http://www.korr.com) Email: [support@korr.com](mailto:support@korr.com)

Phone: 800-895-4048 Fax: 801-483-2123

CardioCoach by KORR Medical Technologies provides VO2 based assessments for the Ultimate Age Management Formula. VO2 Max & Sub-Max tests give precise exercise prescriptions, while RMR is key for weight loss or maintenance. CardioCoach is accurate, affordable, and requires no training or service contracts.

## ***Life Length***

C/O Miguel Angel, 11 - 2nd floor, 28010 Madrid, Spain

Website: [www.lifelength.com](http://www.lifelength.com) Email: [info@lifelength.com](mailto:info@lifelength.com)

Phone: 34-91-737-1298 Fax: 34-91-310-1753

Life Length is the world leader in telomere measurement, providing its Telomere Analysis Technology® (TAT) to physicians globally. TAT uniquely measures telomeres at the chromosomal level, providing the crucial measure for cell senescence, aging and age-related diseases including CVD, cancer and diabetes, among others. As an independent predictive biomarker for many diseases, Life Length's telomere testing supports clinical decision-making in early detection and risk stratification. Armed with this data, physicians are able to determine both the number of critically short telomeres and the rate of attrition. By following the patient's TAT serially, physicians can determine the extent to which the cellular aging process is being affected by lifestyle and therapeutic interventions.

## ***Living Younger Lifestyle & ProActive Aging Medicine***

4803 East Placita Provida, Tucson, AZ 85718  
Website: [www.LivingYoungerPreventive-Aging.com](http://www.LivingYoungerPreventive-Aging.com)  
Email: [gwpetersburg@LivingYoungerPreventive-Aging.com](mailto:gwpetersburg@LivingYoungerPreventive-Aging.com)  
Phone: 520-229-1900 Fax: 520-742-2900

Jumpstart a profitable lifestyle & proactive-aging practice quickly and affordably - without franchise fees. Used worldwide, this turnkey system provides everything: step-by-step tutorials, hormone, human performance, nutrition, lifestyle & biologic age assessments, clinical guidelines, patient education, cash business documents, marketing materials. Easy to use, yet comprehensive. Hands-on training and clinical mentorship.

## ***LivOn Laboratories***

2654 W Horizon Ridge Pkwy, Suite B5-108, Henderson, NV 89052  
Website: [www.Livonlabs.com](http://www.Livonlabs.com) Email: [service@livonlabs.com](mailto:service@livonlabs.com)  
Phone: 866-682-6193 Fax: 702-492-6824

LivOn Labs, the most trusted name in high performance dietary supplements invites you to visit our booth for samples of our latest Lypo-Spheric™ products and to meet Dr. Thomas E. Levy, MD, JD, and receive a complimentary copy of his latest book "Death by Calcium".

## ***Longevity Physicians Insurance in association with Oceanus***

75 Isham Road, Suite 420, West Hartford, CT 06107  
Website: [www.LongevityPhysicianInsurance.com](http://www.LongevityPhysicianInsurance.com) Email: [jrushmdmba@yahoo.com](mailto:jrushmdmba@yahoo.com)  
Phone: 860-466-5304 Cell: 301-928-1697

LPI offers you premiums lower than your current policy. Formed by age management medicine physicians, the Longevity Physicians Insurance Company is now associated with Oceanus malpractice insurance company; focused on age management medicine. As physician owners, we can control premiums, minimize potential lawsuits, determine how claims are handled and recoup a portion of the premium we pay through invested dividends.



**GOLD SPONSOR**

## ***Master Supplements***

PO Box 240, 1600 Arboretum Boulevard, Victoria, MN 55386  
Phone: 800-926-2961 Fax: 952-442-7069  
Website: [Master-supplements.com](http://Master-supplements.com) Email: [Swoodle@mastersupplementsinc.com](mailto:Swoodle@mastersupplementsinc.com)

Master Supplements is committed to raising the standard on probiotics, enzymes and prebiotic fiber. For over ten years we have specialized in digestive health and we are now excited to be launching a line of products that is only available to Healthcare Professionals. TheralacPRO™ and TruBifidoPRO™ provide powerful digestive and immune support that you can feel. We are proud of the efficacy of all our products and we are committed to getting them into the hands of all those that need them. As a company we believe in honesty, hard work and most importantly: helping people. Please stop by our booth for more information or visit our website: [www.master-supplements.com](http://www.master-supplements.com).

## ***MedQuest Pharmacy***


669 West 900 North, North Salt Lake, UT 84054  
Website: [www.mqrx.com](http://www.mqrx.com) Email: [info@mqrx.com](mailto:info@mqrx.com)  
Phone: 888-222-2956 Fax: 866-373-2979

A Nationwide PCAB accredited and CQI recognized compounding pharmacy since 1996. Our mission provides our customers with quality preparations, supplements and services to assist them in their quest to live a better life. Come visit with us today to uncover a library of resources to optimize the success of your practice.

## ***Metagenics***

25 Enterprise, Suite 200, Aliso Viejo, CA 92656  
Website: [www.metagenics.com](http://www.metagenics.com)  
Phone: 800-692-9400

Metagenics is a global life sciences company focused on improving health. Since 1983 Metagenics has helped health care professionals and their patients throughout the world find solutions to their most pressing health concerns with high quality, science-based medical foods, nutraceuticals, and lifestyle medicine programs. Visit us at <http://www.metagenics.com>.



**SILVER SPONSOR**

## ***Nature-Throid***

29455 N Cave Creek Rd, Ste 118-629, Cave Creek, AZ 85331  
Website: [www.getrealthyroid.com](http://www.getrealthyroid.com) Email: [sales@rlclabs.com](mailto:sales@rlclabs.com)  
Phone: 877-797-7997 Fax: 480-513-8952

Nature-Throid® and WP Thyroid® are natural hypothyroid medications containing both T4 and T3 hormones. Two natural thyroid solutions because no two people are alike. RLC Labs also manufactures a-Drenal and i-Throid, (iodine 12.5mg & 6.25mg) which can be used alone or with either Nature-Throid or WP Thyroid® for a well-rounded thyroid protocol.



## ***Neogenis Medical***

1120 S Capital of Texas Hwy, Bldg 1 Suite 210, Austin, TX 78746

Website: [www.neogenismedical.com](http://www.neogenismedical.com) Email: [info@neogenismedical.com](mailto:info@neogenismedical.com)

Phone: 844-560-7060 Fax: 512-271-6800

We are the leader in nitric oxide science with over 15 years of research, 4 issued patents and 5 published clinical trials. Our exclusive practitioner line of cardiologist-endorsed nitric oxide supplement Neo40® Professional is proven to increase nitric oxide levels, which is essential for proper endothelial function and overall cardiovascular health. Neo40 is the only technology in the world that generates and releases authentic NO gas. Neo40, backed by decades of research, proven in clinical trials.

## ***Nordic Naturals***

111 Jennings Drive, Watsonville, CA 95076

Website: [www.nordicnaturals.com](http://www.nordicnaturals.com) Email: [prosales@nordicnaturals.com](mailto:prosales@nordicnaturals.com)

Phone: 800-662-2544 Fax: 831-724-5263

Nordic Naturals, a leading global manufacturer of omega-3 fish oils and essential fatty acid supplements, offers a complete line of products for adults, children, and pets. Recommended by doctors and health practitioners worldwide for their leading purity, freshness, and taste, Nordic Naturals omega oils promote a lifetime of optimal health.

## ***Power2Practice***

105 S York Rd., Suite 215, Elmhurst, IL 60126

Website: [www.power2practice.com](http://www.power2practice.com) Email: [info@power2practice.com](mailto:info@power2practice.com)

Phone: 800-590-7459 Fax: 312-878-7841

Power2Practice is the first integrative medicine EMR platform dedicated to the unique clinical needs of the integrative medicine industry. With Power2Practice, physicians can actively engage patients in their health and wellness. The cloud-based system is easy to navigate and intuitive for both physicians and patients, offering features such as e-prescribing, secure messaging, billing, lab integration, and auto-appointment confirmation.

## ***Premier Stem Cell Institute***

4795 Larimer Parkway, Johnstown, CO 80534

Website: [www.premierstemcellinstitute.com](http://www.premierstemcellinstitute.com) Email: [info@premsci.com](mailto:info@premsci.com)

Phone: 866-647-9405 Fax: 970-612-0489

Dedicated to bringing cutting edge regenerative treatments to patients suffering from orthopedic conditions, as well as autoimmune and degenerative disorders, while conducting clinical research to optimize and diversify the potential of stem cell based medicine.

## ***ProThera***

10439 Double R. Blvd., Reno, NV 89521

Website: [www.protherainc.com](http://www.protherainc.com) Email: [customerservice@protherainc.com](mailto:customerservice@protherainc.com)

Phone: 888-488-2488 Fax: 775-850-8810

ProThera®, Inc. offers a complete line of professional-quality nutraceutical brands that doctors trust and recommend with confidence. ProThera® multivitamins are complemented by focused multi- and single-ingredient products, Klair Labs® is known for hypoallergenic probiotics and enzymes for targeted GI and immune support, and Complementary Prescriptions™ specializes in effective age management medicine programs.

## ***Quicksilver Scientific***

1376 Miners Dr, Suite 101, Lafayette, CO 80026

Website: [www.quicksilverscientific.com](http://www.quicksilverscientific.com) Email: [front.desk@quicksilverscientific.com](mailto:front.desk@quicksilverscientific.com)

Phone: 303-531-0861

Quicksilver Scientific is a CLIA-certified laboratory that specializes in superior liposomal delivery systems, mercury testing and blood metal testing for human health. We use state-of-the-art technology, including patented mercury speciation, for the most accurate and reliable testing available today. Our liposomal supplements incorporate Etheric Delivery™ to support detoxification and optimal health.

## ***ROEHR Pharmaceuticals***

4699 N. Federal Hwy, Suite 101, Pompano, FL 33064

Website: [www.Roehr-Pharma.com](http://www.Roehr-Pharma.com) Email: [info@roehr-pharma.com](mailto:info@roehr-pharma.com)

Phone: 954-764-6495 Fax: 954-764-6419

ROEHR BioG MicroTab Blends- The Next Generation of Nutritional Supplementation! With our patented BioG MicroTabs and Software 2.0, health professionals have unprecedented capabilities to customize and private label nutraceutical blends for their patients. Made in Germany at pharmaceutical cGMP facilities. Visit our booth and open your free ROEHR account.

## ***SaJune Institute for Restorative and Regenerative Medicine***

954 Lake Baldwin Lane, Orlando, FL 32814  
Website: [www.sajune.com](http://www.sajune.com) Email: [lgrane@sajune.com](mailto:lgrane@sajune.com)  
Phone: 407-478-9797 Fax: 407-478-9798

SaJune Institute offers a restorative approach through our 5 point model focusing on hormones, nutrients, detoxification, mind and body balance. We offer a 5-day clinical preceptorship designed to teach clinicians how to restore optimal health using our 5 point model.

## ***seca***

13601 Benson Ave, Chino, California 91710  
Website: [mBCA.seca.com](http://mBCA.seca.com) Email: [info.us@seca.com](mailto:info.us@seca.com)  
Phone: 800-542-7322 Fax: 888-705-7397

The seca mBCA is the first and only body composition analyzer designed for medical use, and validated against the Four Compartment Model - the gold standard for fat mass estimation. The non-invasive analysis measures fat mass, fat-free mass, total body water, intracellular water, extracellular water and skeletal muscle mass in a rapid 17 seconds.

## ***SottoPelle***

8580 E. Shea Blvd, Suite 140, Scottsdale, Arizona 85260  
Website: [www.sottopelletherapy.com](http://www.sottopelletherapy.com) Email: [response@sphrt.com](mailto:response@sphrt.com)  
Phone: 877-476-8867 Fax: 480-941-1518

SottoPelle®, Balance & Expertise. Hormonal balance is key to your well-being and a delicate thing to achieve. Other hormone replacement therapies rarely accomplish or maintain the hormonal equilibrium your body depends on for optimum health. With SottoPelle, your body can return to normal hormonal balance. Our Services goes beyond simply providing physicians with training. SottoPelle is actively dedicated to helping you be successful, both professionally and financially.

## ***SpectraCell Laboratories***

10401 Town Park Drive, Houston, TX 77072  
Website: [www.spectracell.com](http://www.spectracell.com) Email: [spec1@spectracell.com](mailto:spec1@spectracell.com)  
Phone: 800-227-LABS (5227) Fax: 281-564-0836

The SpectraCell Solution: SpectraCell Laboratories, the leader in functional nutritional testing, now offers comprehensive hormone testing and a Cardiometabolic panel which includes a pre-diabetes risk score. Combined with our genetic test menu, SpectraCell offers the most integrative lab diagnostics for personalized medicine.

## ***Suisse Life Science***

141 NW 20th St., Suite F-5, Boca Raton, FL 33431  
Website: [www.idna.works](http://www.idna.works)  
Phone: 561-320-7000

iDDNAR is a suite of personalized anti-aging treatments, based on the patient's DNA. iDDNAR analyzes your patients' genetic code, lifestyle and environmental interactions to build a comprehensive targeted profile for a customized preventative anti-aging program that addresses the unique challenges of each and every patient. Designed and developed in Switzerland.

## ***T.A. Sciences***

420 Lexington Ave., Suite 2900, New York, NY 10170  
Website: [www.tasciences.com](http://www.tasciences.com) Email: [sales@tasciences.com](mailto:sales@tasciences.com)  
Phone: 212-588-8805 Fax: 866-697-5535

T.A. Sciences® is the first healthcare company dedicated exclusively to creating research-based, clinically tested wellness products that help address cellular aging through the science of telomerase activation. TA-65® is a patented, all natural, plant-based compound which can help maintain or rebuild telomeres. It is currently available in TA-65MD® Nutritional Supplements, in 250 unit and 100 unit capsules, and TA-65® for Skin which provides cosmetic benefits in all layers of the skin.



**GOLD SPONSOR**

## ***University Specialty Drugs***

1842 Third Avenue, San Diego, CA 92101  
Website: [www.universityspecialtydrugs.com](http://www.universityspecialtydrugs.com) Email: [susand@ucprx.com](mailto:susand@ucprx.com)  
Phone: 619-398-2740 ext. #334 Fax: 619-398-2750

University Specialty Drugs (USD) is a specialty distributor that sells wholesale to licensed medical professionals and pharmacies. USD carries products used in treating hormone deficiencies and is the national distributor for the secretagogue SecretropinRx. We also sell up to date educational textbooks for professionals listed on our website [www.universityspecialtydrugs.com](http://www.universityspecialtydrugs.com). We take pride in providing excellent customer service. For more information call toll free 1-866-444-9475.



**GOLD SPONSOR**

## ***US Stem Cell Training***

13794 NW 4th Street, Suite 212, Sunrise, Florida 33325

Phone: 954-835-1500 Fax: 954-845-9976

Website: [www.usstemcelltraining.com](http://www.usstemcelltraining.com)

US Stem Cell Training provides in-person and online training courses which are delivered through in-person presentations at US Stem Cell Training's state of the art facilities and globally at universities, hospitals, and physicians offices, as well as, through online webinars. Additionally, US Stem Cell Training provides hands-on clinical application training for physicians and health care professionals interested in providing regenerative medicine / cell therapy procedures.

## ***Water & Wellness Solutions***

8745 Technology Way, Reno, NV 89521

Website: [purative.com](http://purative.com) Email: [info@purative.com](mailto:info@purative.com)

Phone: 866-257-8168 Fax: 714-522-7195

Purative.com, a premium health and wellness brand, represents two of the most cutting edge nutritional products on the market - Original Quinton Marine Plasma, a highly effective bioavailable mineral and trace element supplement and Active H2, a Molecular Hydrogen antioxidant water additive. Please visit us to discover some exciting new health breakthroughs.

## ***WebToMed***

2700 S. River Rd., Ste 100, Des Plaines, IL 60018

Website: [www.webtomed.com](http://www.webtomed.com) Email: [info@webtomed.com](mailto:info@webtomed.com)

Phone: 866-999-8550 Fax: 773-913-6478

WebToMed specializes in medical website design, e-Commerce, and internet marketing. We help functional medicine physicians, clinics, medical spas, labs and pharmacies market their services and sell their products online.

## ***Wellness Pharmacy***

3401 Independence Drive, Birmingham, AL 35209

Website: [www.wellnesshealth.com](http://www.wellnesshealth.com) Email: [info@wellnesshealth.com](mailto:info@wellnesshealth.com)

Phone: 800-227-2627 Fax: 800-369-0302

With 50 years of compounding experience, Wellness Pharmacy® is considered the industry leader in quality and customer service. Some of our specialties include chelation, bio-identical hormones, autism support, and preservative-free injectables. Wellness Pharmacy® is also the only pharmacy to successfully patent the preparation of injectable glutathione. PCAB Accredited™

## ***Women's International Pharmacy***

2 Marsh Court, Madison, WI 53718

Website: [www.womensinternational.com](http://www.womensinternational.com) Email: [info@womensinternational.com](mailto:info@womensinternational.com)

Phone: 800-279-5708 Fax: 800-279-8011

Women's International Pharmacy specializes in custom compounded bioidentical hormone prescriptions for men and women. Unlike name brand medications our prescriptions are compounded to meet patient specific needs as directed by a licensed medical practitioner. Our consulting pharmacists are available to answer technical questions from healthcare practitioners, clinic staff and patients.

## ***XYMOGEN***

6900 Kingspointe Parkway, Orlando, FL 32819

Website: [www.xymogen.com](http://www.xymogen.com) Email: [info@xymogen.com](mailto:info@xymogen.com)

Phone 800-647-6100 Fax 407-445-7227

XYMOGEN, a family owned health sciences company, has introduced numerous innovations to the functional medicine community, providing high-quality dietary supplements to licensed healthcare practitioners for more than a quarter century. Its Medical Board of Advisors consists of clinical practitioners who represent a broad range of specialties. For information, visit [www.xymogen.com](http://www.xymogen.com).

## ***Your Energy Systems***

555 Bryant St. #305, Palo Alto, CA 94301

Website: [www.readisorb.com](http://www.readisorb.com) Email: [jon@readisorb.com](mailto:jon@readisorb.com)

Phone: 877-303-3238 Fax: 650-887-0313

ReadiSorb Liposomal Glutathione is the subject of 10 peer-reviewed studies archived on PubMed. Our latest study, conducted at a university, was a randomized and controlled trial. The results showed absorption of glutathione and how glutathione-enriched immune cells are capable of defending the body against a dangerous bacterium.

CLINICAL APPLICATIONS FOR AGE MANAGEMENT MEDICINE IS AN EDUCATIONAL FORUM OPEN TO A VARIETY OF MODALITIES. WHILE EVERY ATTEMPT IS MADE TO ASCERTAIN SCIENTIFIC VALIDITY AND VIABILITY, ENDORSEMENT OF EXHIBITORS BY AMMG IS NEITHER STATED NOR IMPLIED. ATTENDEES ARE ENCOURAGED TO CONDUCT THEIR OWN EVALUATION OF EACH PRODUCT OR SERVICE.



### **Sangeeta Pati, MD, FACOG**

Dr. Pati is Georgetown-trained, practicing and teaching traditional and integrative medicine in the U.S. and internationally for over 21 years. She is recognized as an authority in the field of Age Management Medicine. Dr. Pati is multi-lingual and has authored numerous scientific articles. One of her special interest and strength has been in helping health care providers learn how to put together and integrate into real practice the vast amount of information in the field of age management medicine.

## **Clinical Preceptorship in Age Management Medicine**

An evidence based, comprehensive training that is easy to implement into practice. Our preceptorship includes home study via several manuals and 4 days of one-on-one clinical rotations and written protocols from Dr. Sangeeta Pati; applying SaJune's 5-point model which has been used in over 11,000 patients and thousands of physicians. SaJune's 5-point model: restores 1) hormones and 2) nutrients, removes 3) toxicities, and rebalances the 4) mind and 5) body.

After the preceptorship, we provide ongoing one on one clinical mentorship.

Additionally, we offer practice building training, staff training and support to help integrate into both insurance based and cash practices.

**Our trained physicians have rated the training as one of the best values in the industry. Additionally, we are offering a conference special.**

### **Here is what other physicians who have participated say...**

*"I was able to forego years of trial and error in an attempt to really find out what works and what doesn't. Without question it was the best money I could have spent! I would highly encourage anyone in the fellowship program to attend for one on one instruction with 'The Master'."*

Rowland Reyna, MD, MBA, MAAC, San Antonio, TX

*"Taking the preceptorship was one of the best weeks I have ever experienced in medicine. When I fini shed the week at SaJune, I felt like I could go back home and put it all together very well."*

Douglas Lord, MD, FACOG, Silver Spring, MD

### **Top Three Supplements used by Dr. Pati**



**Please stop by our booth to learn more. Alternatively, please text your full name to 407-697-4125 to schedule a one on one conversation with Dr. Pati.**

**SaJune Institute for Restorative & Regenerative Medicine**  
**www.Sajune.com      email: training@sajune.com**

INTRODUCING  
The syringe that CLICKS!

1/20th Gram per CLICK!



**TICKER**  
Topical Dispenser  
by BIOSRX®

**THE NEXT GENERATION TOPICAL DISPENSER IS HERE**

**TICKER CONVERSION CHART (Click-to-Gram)**

1 CLICK = 0.05 gm	6 CLICKS = 0.30 gm	11 CLICKS = 0.55 gm	16 CLICKS = 0.80 gm
2 CLICKS = 0.10 gm	7 CLICKS = 0.35 gm	12 CLICKS = 0.60 gm	17 CLICKS = 0.85 gm
3 CLICKS = 0.15 gm	8 CLICKS = 0.40 gm	13 CLICKS = 0.65 gm	18 CLICKS = 0.90 gm
4 CLICKS = 0.20 gm	9 CLICKS = 0.45 gm	14 CLICKS = 0.70 gm	19 CLICKS = 0.95 gm
5 CLICKS = 0.25 gm	10 CLICKS = 0.50 gm	15 CLICKS = 0.75 gm	20 CLICKS = 1.0 gm

**TICKER GIVES PHYSICIANS AND PATIENTS MORE OPTIONS IN DOSING**

**Pharmacy Showcase**

Next Generation Compounding Pharmacies on the Planet Rely on TICKER




Some of our pharmacy clients displayed above. Please contact us for information on finding a pharmacy near you that employs Ticker for dispensing bioidentical hormones.

To learn more visit [www.BIOSRX.com](http://www.BIOSRX.com) or CALL 800.280.9277

**FREE DEMO UNITS**  
VISIT BIOSRX'S BOOTH



*Life... Change... Naturally®*



## Power of Pellets®

Precision + Passion + Patients  
= Practice Profits

Helping people live longer,  
stronger and healthier – naturally!

## SottoPelle® has the Winning Strategy to Help Your Patients and Practice Utilizing Pellet Therapy.

- Leader in science-based bio-identical hormone pellet therapy since 1992
- Originator of BioCalc® – patent-pending precision dosing site
- Over 25 years of experience and 100,000 patients treated

## Join the SottoPelle® Global Team of Physicians Today!

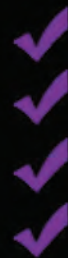
"I have researched the use of hormone pellet therapy ... on the untold benefits of SottoPelle® and I am overwhelmingly convinced enough to partner with Dr. Tintera, bringing SottoPelle® to the forefront of hormone therapy in Kansas City at Mirabile, M.D. Beauty, Health & Wellness!"

– James Mirabile, M.D., F.A.C.O.G.

WEB: [www.sottopelletherapy.com](http://www.sottopelletherapy.com)

TEL: 877.476.8867

EMAIL: [info@sphrt.com](mailto:info@sphrt.com)



- NO PROPRIETARY BLENDS
- NO ARTIFICIAL SWEETENERS OR COLORS
- DEVELOPED BY PHYSICIANS
- DESIGNED TO MAXIMIZE PERFORMANCE



MANUFACTURED IN FDA, CGMP, NSF, AND NSF SPORT REGISTERED FACILITY

We pride ourselves in delivering a science-based, goal-oriented approach to produce dramatic results. Recently, CeneGenics expanded from 22 locations to delivering branded products to the national and international markets. Our premium products range from optimal wellness formulas to sports nutrition for fitness enthusiasts to competitive athletes.

CeneGenics' vitamins and supplements are developed by a team of physicians, formulators, and nutrition & exercise specialists and are manufactured in cGMP, FDA-registered, and NSF-registered facilities.

Stop at the CeneGenics Booth Today  
to Receive Conference Pricing!

[www.CeneGenics.com](http://www.CeneGenics.com)

## AMMG Supporters

The Age Management Medicine Group would like to gratefully acknowledge the valuable contributions of those who support our organization. Their commitment to our common goals and the growth of the medical specialty of Age Management Medicine is greatly appreciated.

### Diamond



### Sapphire



### Gold



### Silver



### Bronze

Access Medical Laboratories  
AION Laboratories  
Apex Energetics  
Argentyn 23 by Natural Immunogenics  
Belmar Pharmacy  
BioRegenerative Sciences (BRS Products)  
BiosRx  
Boston Heart Diagnostics  
Cell-Logic USA  
Cell Science Systems  
College Pharmacy  
Complete Medical Services  
Crystal Clear Digital Marketing  
Designs for Health  
Doctor's Data  
Empower Pharmacy  
Evoke Neuroscience

Forever Health  
Great Plains Laboratory  
Healeon Medical  
HealthyCell  
HeartMath  
ICA Health  
The Identity Company  
InBody  
KORR Medical Technologies  
Life Length  
Living Younger Lifestyle &  
ProActive Aging Medicine  
Livon Labs  
Master Supplements  
MedQuest Pharmacy  
Nature-Throid  
Neogenis Medical  
Nordic Naturals

Power2Practice  
Premier Stem Cell Institute  
ProThera  
Quicksilver Scientific  
ROEHR Pharmaceuticals  
SaJune Institute  
seca  
SottoPelle  
SpectraCell  
Suisse Life Science  
U.S. Stem Cell Training  
Water & Wellness Solutions  
WebToMed  
Wellness Pharmacy  
Women's International Pharmacy  
XYMOGEN  
Your Energy Systems