

Friday, June 4, 2010

Pre-Meeting: The Biology of Aging

**The Biology of Aging:
A Meeting of Minds to Celebrate Award Winning Science**

**A Special Symposium Co-Sponsored by:
The American Aging Association (AGE)
The American Federation for Aging Research (AFAR)
And
The Gerontological Society of America (GSA)**

Featuring past awardees for the Denham Harman Research Award (AGE), the Irving S. Wright and Vincent Cristofalo Awards (AFAR) and the Robert W. Kleemeier Award (GSA)

- 7:30 am - 8:30 am** **REGISTRATION AND CONTINENTAL BREAKFAST**
- 8:30 am – 9:00 am** **WELCOME AND OPENING REMARKS**
Donald K. Ingram, PhD (Harman Awardee)
Janko Nikolich-Zugich, MD, PhD (AGE President)
Mark A. Smith, PhD (AGE Executive Director)
Stephanie Lederman, Ed.M (AFAR Executive Director)
James Appleby, RPh, MPH (GSA Executive Director)
- 9:00 am – 9:30 am Woodring Wright (Wright Awardee), Southwestern Medical Center, Dallas, TX
CELLULAR SENESENCE: THE ROLE OF THE TELOMERE
- 9:30 am – 10:00 am Steven N. Austad, PhD (Kleemeier Awardee), University of Texas Health Science Center, San Antonio TX
EVOLUTIONARY KEYS TO LONGEVITY AND NEGLIGIBLE SENESENCE
- 10:00 am – 10:30 am Andrzej Bartke, PhD, FAAA (Harman Awardee), Southern Illinois University, Springfield, IL
REGULATION OF AGING BY GROWTH HORMONE AND RELATED MOLECULES
- 10:30 am – 11:00 am** *Break*
- 11:00 am – 11:30 am Tom Johnson, PhD (Kleemeier Awardee), University of Colorado, Boulder CO
STOCHASTIC PROCESSES OF AGING
- 11:30 am – 12:00 pm Brian Kennedy, PhD (Cristofalo Awardee), University of Washington, Seattle, WA
GENETIC DISSECTION OF AGING AND LONGEVITY

12:00 pm – 12:30 pm James Joseph, PhD, FAAA (Harman Awardee), USDA Agricultural Research Service at Tufts University, Boston, MA

NUTRITIONAL MODULATION OF BRAIN AGING

12:30 pm – 1:30 pm

Lunch Break (on your own)

1:30 pm – 2:00 pm

Arlan Richardson, PhD (Harman, Wright and Kleemeier Awardee), Barshop Institute, San Antonio, TX

CURRENT STATUS OF THE FREE RADICAL THEORY OF AGING

2:00 pm – 2:30 pm

Rita B. Effros, PhD, (Kleemeier Awardee), University of California, Los Angeles, CA

IMMUNE SENESCENCE: CAUSES AND CURES

2:30 pm – 3:00 pm

Mark A. Smith, PhD (Harman Awardee), Case Western Reserve University, Cleveland, OH

FACTORS DRIVING THE PATHOGENESIS OF ALZHEIMER'S DISEASE

3:00 pm – 3:30 pm

Break

3:30 pm – 4:00 pm

Gordon Lithgow, PhD (Cristofalo Awardee), Buck Institute on Aging, Novato, CA

HIGH THROUGHPUT SCREENING FOR AGING INTERVENTIONS IN INVERTEBRATE MODELS

4:00 pm - 4:30 pm

Richard A. Miller, MD, PhD (Wright and Kleemeier Awardee), University of Michigan, Ann Arbor, MI

THE INTERVENTION TESTING PROGRAM: PROGRESS AND POTENTIAL

4:30 pm – 5:30 pm

PANEL DISCUSSION: THE BIOLOGY OF AGING – SUCCESSES AND CHALLENGES

Discussants:

Caleb Finch, PhD (Harman and Kleemeier Awardee) University of California, Los Angeles, CA

George M. Martin, MD (Harman, Wright and Kleemeier Awardee), University of Washington, Seattle, WA

Robert A. Floyd, PhD, FAAA (Harman Awardee), Oklahoma Medical Research Foundation, Tulsa, OK

Donald K. Ingram, PhD, FAAA (Harman Awardee), Pennington Biomedical Research Center, Baton Rouge, LA

PRE- CONFERENCE ADJOURNS

6:30 pm – 8:00 pm

AGE CONFERENCE REGISTRATION

6:30 pm – 8:00 pm

AGE WELCOME RECEPTION

Saturday, June 5, 2010

Inflammation and Aging: Causes and Consequences

Chair: Janko Nikolich-Zugich, MD, PhD

University of Arizona, Tucson, AZ

7:30 am – 8:15 am **CONTINENTAL BREAKFAST**

8:15 am – 8:30 am **WELCOME AND OPENING REMARKS**

Janko Nikolich-Zugich, MD, PhD, President American Aging Association

8:30 am – 10:30 am **Plenary Session I: Microbes, Immunity And Inflammation**

*Chairs: Janko Nikolich-Zugich, MD, PhD, University of Arizona, Tucson, AZ
Magdalene So, PhD, University of Arizona, Tucson, AZ*

8:30 am – 9:00 am 1. Richard Flavell, PhD Yale, New Haven, CT

THE INFLAMMASOME IN INFLAMMATION AND IMMUNITY

9:00 am – 9:30 am 2. Grace Y. Chen, MD, PhD, University of Michigan, Ann Arbor, MI

INFLAMMASOME AND INFLAMMATORY REACTION

9:30 am – 10:00 am 3. Howard Petrie, PhD, Scripps Florida, Jupiter FL

**UNDERSTANDING THE MOLECULAR MECHANISMS OF THYMIC
REGENERATION**

10:00 am – 10:30 am 4. Magdalene So, PhD, University of Arizona, Tucson, AZ

**COMMENSAL NEISSERIA: WHAT THEY CAN TELL US ABOUT
INFECTION AND INFLAMMATION**

10:30 am – 10:50 am *Break*

Session 1A and Session 1B are Concurrent Sessions

10:50 am – 12:30 pm **Session 1A: Microbes, Immunity And Inflammation (Continuation)**

*Chairs: Janko Nikolich-Zugich, MD, PhD, University of Arizona, Tucson, AZ
Magdalene So, PhD, University of Arizona, Tucson, AZ*

10:50 am – 11:10 am 5. Felicia Goodrum, PhD, University of Arizona, Tucson, AZ

MOLECULAR MECHANISMS OF CYTOMEGALOVIRUS COEXISTENCE

11:10 am – 11:30 am 6. Graham Pawelec, PhD, University of Tuebingen, Germany

**HUMAN IMMUNOSENESCENCE: IMPACT OF MICROBIOLOGIC AND
GENETIC BACKGROUND**

- 11:30 am – 11:50 am 7. Rosanna Vescovini and Paolo Sansoni, MD, University of Parma, Italy
HCMV INFECTION, INFLAMMATION AND AGE-RELATED DISEASES: A DANGEROUS ASSOCIATION
- 11:50 am – 12:10 pm 8. Afam Okoye, PhD, Oregon Health & Science University, Beaverton, OR
IMMUNITY TO CMV IN AGED NON-HUMAN PRIMATES
- 12:10 am – 12:25 pm 9. Submitted Abstract #1
- 10:50 am – 12:30 pm **Session 1B: Muscle And Inflammation**
*Chairs: LaDora Thompson, PhD, University of Minnesota, Minneapolis, MN
Holly VanRemmen, PhD, FAAA, Barshop Institute, San Antonio, TX*
- 10:50 am – 11:10 am 10. Emanuele Marzetti, MD, PhD, University of Florida, Gainesville, FL
TBA
- 11:10 am – 11:30 am 11. Deborah A. Ferrington, PhD, University of Minnesota, Minneapolis, MN
TBA
- 11:30 am – 11:50 am 12. Charlotte A. Peterson, PhD, University of Kentucky, Lexington, KY
TBA
- 11:50 am – 12:05 am 13. Anne McArdle, PhD, University of Liverpool, Great Britian
TBA
- 12:05 pm – 12:20 pm 14. Submitted Abstract #2
- 12:30 pm – 2:00 pm Plenary Session II – Special Luncheon**

VINCENT CRISTOFALO MEMORIAL RISING STAR AWARD AND LECTURE

Andrew Dillin, PhD

Salk Institute for Biological Studies, La Jolla, CA

Sponsored by:

The American Federation For Aging Research (AFAR)

In Collaboration with

The Glenn Foundation for Medical Research

Margaret F. Cristofalo

The Gerontological Society of America

- 2:00 pm – 3:30 pm Plenary Session III: Fat Street – The Route To Age-Related Inflammation**
*Chairs: Donald K. Ingram, PhD, FAAA, and Vishwa Deep Dixit, DVM, PhD,
Pennington Biomedical Research Center, Baton Rouge, LA*
- 2:00 pm – 2:30 pm 15. Luigi Ferrucci, National Institute on Aging
TBA

2:30 pm – 3:00 pm 16. Philipp Scherer, University Texas Southwestern Medical Center, Dallas, TX
TBA

3:00 pm – 3:30 pm 17. Vishwa Deep Dixit, DMV, PhD, Pennington Biomedical Research Center, Baton Rouge, LA
TBA

3:30 pm – 3:50 pm *Break*

Sessions 2A and 2B are Concurrent Session

3:50 pm – 5:20 pm **Session 2A: Fat Organ As The Source Of Inflammation In Aging (Continuation)**
Chairs: Donald K. Ingram, PhD, FAAA, and Vishwa Deep Dixit, DVM, PhD, Pennington Biomedical Research Center, Baton Rouge, LA

3:50 pm – 4:10 pm 18. Martin Obin, Tufts University, Boston, MA
A TAIL OF LIFE AND DEATH: HOW DIETARY BLUEBERRY ATTENUATES OBESITY-ASSOCIATED ADIPOSE TISSUE INFLAMMATION AND INSULIN RESISTANCE

4:10 pm – 4:30 pm 19. Carey Lumeng, MD, PhD, University of Michigan, Ann Arbor, MI
TBA

4:30 pm – 4:50 pm 20. Simin Meydani, DVM, PhD, FAAA, USDA Agricultural Research Service at Tufts University, Boston, MA
TBA

4:50 pm – 5:05 pm 21. Submitted Abstract # 3

5:05 pm – 5:20 pm 22. Submitted Abstract # 4

3:50 pm – 5:20 pm **Session 2B: Transatlantic Symposium**
Chair: Richard Faragher, PhD, University of Brighton, United Kingdom

3:50 pm – 4:10 pm 23. TBA
TBA

4:10 pm – 4:30 pm 24. TBA
TBA

4:30 pm – 4:50 pm 25. TBA
TBA

4:50 pm – 5:05 pm 26. Submitted Abstract # 5

5:05 pm – 5:20 pm 27. Submitted Abstract # 6

5:30 pm – 7:30 pm **POSTER SESSION 1**

5:30 pm – 7:30 pm

COCKTAIL RECEPTION

7:00 pm – 10:00 pm

AGE BOARD OF DIRECTORS DINNER MEETING

10:50 am – 12:20 pm **Session 3B: Bones, Joints and Inflammation**
Chair: Nicholas Ziats, PhD, Case Western Reserve University, Cleveland, OH

10:50 am – 11:10 am 37. Julie Glowacki, PhD, Brigham & Woman's Hospital, Boston MA
TBA

11:10 am – 11:30 am 38. TBA
TBA

11:30 am – 11:50 am 39. Kurt Kasper, PhD, Rice University, Houston, TX
TBA

11:50 am – 12:05 pm 40. Submitted Abstract # 9

12:05 pm – 12:20 pm 41. Submitted Abstract # 10

12:30 pm – 1:30 pm *Lunch On Your Own*

1:30 pm – 3:30 pm **Arthur Balin Plenary Session V: Frailty and Inflammation**
Chairs: Mindy J. Fain, MD, University of Arizona, Tucson AZ and James Kirkland, MD, PhD, Mayo Clinic, Florida, ???

1:30 pm – 2:00 pm 42. Mindy J. Fain, MD, University of Arizona, Tucson AZ
FRAILTY A CLINICAL PERSPECTIVE

2:00 pm – 2:30 pm 43. Jeremy Walston, PhD, Johns Hopkins University,
MODELS OF FRAILTY

2:30 pm – 3:00 pm 44. Kevin P. High, MD, Wake Forest University
INFECTIOUS DISEASES AND INFLAMMATION A CLINICAL PERSPECTIVE

3:00 pm – 3:30 pm 45. James Kirkland, MD, PhD, Mayo Clinic, Florida
SCIENTISTS AND DOCTORS – LOST IN TRANSLATION

3:30 pm – 4:00 pm *Break*

4:00 pm – 6:00 pm **Plenary Session VI: Hormones And Inflammation**
*Chairs: S. Mitch Harman, MD, PhD, FAAA, Kronos Longevity Research Institute, Phoenix, AZ
Holly Brown-Borg, PhD, University of North Dakota, Grand Forks, ND*

4:00 pm – 4:25 pm 46. Vishwa Deep Dixit, DVM, PhD, Pennington Biomedical Research Center, Baton Rouge, LA

**REGULATION OF INFLAMMATION AND IMMUNOSENESCENCE BY
GHRELIN**

- 4:25 pm – 4:50 pm 47. Steve Bondy, PhD, University of California, Irvine, CA
MELATONIN, BRAIN AGING AND NEUROINFLAMMATION
- 4:50 pm – 5:15 pm 48. Subhadeep Chakrabarti, MBBS, PhD, University of Alberta, Alberta, Canada
**ESTROGEN EFFECT ON ENDOTHELIAL INFLAMMATION: PRO-
INFLAMMATORY, ANTI-INFLAMMATORY OR IMMUNOMODULATOR?**
- 5:15 pm – 5:40 pm 49. E. J. Giltay, MD, PhD, Leiden University Medical Center, Leiden, Netherlands
TESTOSTERONE, MENTAL WELL-BEING, AND INFLAMMATION
- 5:40 pm – 5:55 pm 50. Submitted Abstract # 11
- 6:00 pm – 6:30 pm AGE BUSINESS MEETING – OPEN TO ALL AGE MEMBERS**
- 6:30 pm – 7:30 pm POSTER SESSION II**
- 6:30 pm – 7:30 pm COCKTAIL RECEPTION**
- 7:30 pm – 9:00 pm SPECIAL STUDENT SESSION/DATA BLITZ FOLLOWED BY STUDENT
SOCIAL**

