

AFMR News

Newsletter of the American Federation for Medical Research

March 2006

AFMR NATIONAL COUNCIL

PRESIDENT

Deborah Zucker, M.D., Ph.D.
Boston, Massachusetts

PRESIDENT ELECT

Jonathan Q. Purnell, M.D.
Portland, Oregon

PAST PRESIDENT

Mark R. Burge, M.D.
Albuquerque, New Mexico

SECRETARY-TREASURER

Meredith Hawkins, M.D.
Bronx, New York

EDITOR-IN-CHIEF

Michael J. McPhaul, M.D.
Dallas, Texas

COUNCILORS-AT-LARGE

Thomas A. Buchanan, M.D.
Alan Buchman, M.D.
Jason D. Morrow, M.D.
Pablo E. Pergola, M.D., Ph.D.
Theodore Wun, M.D.

CHAIR, EASTERN SECTION

James Coromilas, M.D.

CHAIR, MIDWEST SECTION

Alan Buchman, M.D.
**SECRETARY-TREASURER,
MIDWEST SECTION**
Francis J. Miller, M.D.

CHAIR, WESTERN SECTION

Kathleen M. Colleran, M.D.

CHAIR, SOUTHERN SECTION

James C. Oates, M.D.
**SECRETARY-TREASURER,
SOUTHERN SECTION**
John M. Arthur, M.D.

VICE PRESIDENT FOR MEETINGS & SYMPOSIA

Abdulla K. Salahudeen, M.D.

EXECUTIVE DIRECTOR

Aurelie M. Alger, J.D.
900 Cummings Center, Ste 221U
Beverly, MA 01915
(978) 927-8330 / Telephone
(978) 524-8890 / Fax
www.afmr.org

From the President.....

Deborah Zucker, M.D., Ph.D.

Dear AFMR Members:

It has been an eventful year - a year of successful initiatives and new opportunities, a year of enthusiastic participation and a year of increasing challenges. I thank the AFMR Executive Director, Aurelie Alger, JD, and members of the AFMR national and regional councils for their tremendous dedication, energy, and efforts during this past year in continuing to make AFMR the "home" organization for medical researchers. I welcome Jonathan Purnell, MD, as our incoming President, who brings new ideas, experience and enthusiasm to AFMR.

Our programs this year have been vibrant and expanding. This has been particularly evident at our regional meetings, which reflect the strength of our grassroots membership. While the location needed to be changed, the devastations of Katrina and Rita did not deter AFMR Southern regional members from holding their meeting and having strong attendance. In the West, the Carmel meeting continued to flourish and their AFMR career workshops drew *capacity plus* audiences. In the Midwest, the planned activities and pre-registration for the upcoming meeting (to be held on April 28 in Chicago) attest to its revitalization and growth. Thanks to the vigorous efforts of council members, past and present, this year's regional meetings continued to boost *AFMR Scholars Programs* - supporting trainees' attendance and recognizing their works.

AFMR national activities are continuing to promote our goals of research dissemination, career development and medical research advocacy. The *AFMR Translational Research Symposia* at the Experimental Biology meetings, expertly organized by AFMR VP for Meetings Abdulla Salahudeen, MD, draw standing-room only crowds. This year's series (to be held April 1-5 in San Francisco) will continue to lead the curve by presenting bench to bedside research addressing clinically important questions. A career development workshop is planned to expand this program and provide practical guidance to investigators.

(continued on page 3)



CLINICAL RESEARCH 2006

Marriott Wardman Park Hotel, Washington, DC
March 16-18, 2006

Clinical Research 2006 will bring together the brightest clinical researchers to discuss scientific, academic, and policy issues that cut across all areas of clinical research, reflecting the interests of each of the sponsoring organizations:

- ◆ American Federation for Medical Research
- ◆ GCRC Program Directors' Association
- ◆ Association for Patient-Oriented Research
- ◆ Association for Clinical Research Training

Clinical Research 2006 will present a wide range of cutting-edge scientific presentations and important updates from research leaders and Washington-area policy makers. In addition, there are special workshops and sessions devoted to trainees to allow networking, learning, and support between trainees and senior investigators.

2006 HENRY CHRISTIAN AWARD Winners



Maliha Agloria, MD
Jewish Hospital of Cincinnati



Zahra Gharraee, MD
University of California, Irvine



Richard S. Goldstein, MD
Feinstein Institute for Medical Research



Sudha Koppaka, MD
Albert Einstein College of Medicine



Do-Eun Lee, MD
Albert Einstein College of Medicine



Myria Petrou, MA, MBChB
University of Michigan



Basel Ramlawi, MD
Beth Israel Deaconess Medical Center



Mark Gregory Roddy, MD
Children's National Medical Center



Magdalena Winiarska, MD
Jewish Hospital of Cincinnati

***THE AFMR Henry Christian Awards are supported
by an educational grant from Merck & Co., Inc.***

Outstanding Investigator Award



Jonathan A. Epstein, MD
University of Pennsylvania

Junior Physician Investigators Awards



Polyxeni D. Koutkia, MD
Massachusetts General Hospital



Chirag R. Parikh, MD
Yale University School of Medicine

The AFMR Outstanding Investigator and Junior Physician Investigator Awards are supported by an educational grant from Glaxo Smith Kline

From the President *(continued from page 1)*

We continue to co-sponsor the Clinical Research meetings and AFMR Past-President Mark Burge, MD served as this year's program chair. We advocated for a focus on trainee development activities while also providing a national forum for members to present patient-focused research and a setting in which to form collegial cross-discipline connections. The professional-development series have been expanded in our *Journal of Investigative Medicine (JIM)*, and the building of career and networking resources on our website is currently underway. An added note about *JIM* - our Editor-in-Chief, Michael McPhaul, MD, has also successfully increased the number and quality of manuscript submissions and has expanded the journal's breadth. Please submit your work to *JIM* and enhance our efforts to raise *JIM*'s impact factor.

On the Public Policy front, this has been a busy year and your input has directed our proactive advocacy efforts. It has been exciting to see new NIH initiatives promoting long-standing AFMR goals such as interdisciplinary, translational and clinical research, training medical researchers, and applying research to enhance public policy. Unfortunately, new monies have not been appropriated to NIH to support these new programs. The constraints on the NIH's budget are the worst in decades. In response, AFMR Secretary Treasurer/Public Policy Chair, Meredith Hawkins, MD, and I presented our support and concerns to NIH Program Direc-

tors and to Congressional staff in both the House and Senate. We met with Dr. Barbara Alving and other leaders at the National Center for Research Resources and discussed our optimism and our apprehensions about the future of the proposed Clinical and Translational Research Award (CTSA) program.

Peer review at NIH was also identified as a significant member concern in our public policy survey. With the help of longtime AFMR lobbyist Ms. Lynn Morrison of Washington Health Advocates, we were able to discuss this with the Director of the Center for Scientific Review at NIH, Dr. Antonio Scarpa, and to bring this matter to the attention of congressional members. We are pleased that the Senate Appropriations Committee report included a request for the review and the addressing of any disparities in the peer review of patient-focused research at NIH. Your voices were heard and your continued input is critical. Through the AAIM newsletter, timely e-mail notifications and our website's public policy page, we are working to keep you abreast and involved.

Our programs are flourishing and our opportunities are expanding. At the same time medical researchers are being pulled in many directions and we continue to see our membership decline. We are addressing this by working to meet current and future members' needs. We need your help. Our programs seem to be what people want-so we need to draw more

people to these programs. Participants are enthusiastic-so we must find ways to focus and transform this into active membership. Our organization has deep roots and long-standing goals - and looking at trends and AFMR's activities we clearly have our fingers on the pulse of medical research -literally and figuratively. Our ability to do this- to remain ahead of the curve- is thanks to you.

Members see what is needed and AFMR provides the "home" - the supports - to help us help ourselves - our interests, our careers and our profession. I urge you to think about what AFMR means to you - the support of a collegial environment in which to present your work; a journal open to interdisciplinary research and career enhancing information; a venue in which to connect with colleagues who may be in other specialties but who, like you, have a passion for research and for how it connects to patients; a place where you can have the opportunities for leadership - developing workshops, shaping public policy, and shaping our organization. Whatever it is— work to keep it and let others know about it. Invite them into our home. NOW is the time we have to act - I am convinced that once involved - once actively connected -it will be more rewarding and exciting for you and for us all.

With best wishes for future successes,
Deborah Zucker, M.D., Ph.D., President

WAFMR Outstanding Investigator

Zili Zhang, M.D.
Department of Pediatrics
Oregon Health and Science University

AFMR Scholar Awards

Patricia C. Heyn, Ph.D.
University of Colorado HSC
A Systematic Comparison Of Exercise Training Outcomes on Cognitively Impaired and Cognitively Intact Older Adults

Javid Kamali
University of New Mexico
The Use of a New Presentation Format Improves Patient Care and Teaching in the ICU

Farah K Madhani-Lovely, B.S., M.D.
University of New Mexico
Trending Serum Albumin In Predicting Prognosis in Lung Cancer. A Computer Database Review

Charles J. Wray, M.D.
UCSD
Use of Omalizumab for Cessation of Corticosteroid Therapy in a Patient with Pulmonary Sarcoidosis, Aspergillomas, Long-Standing Asthma, and Allergic Bronchopulmonary Aspergillosis

Clark C. Kulig, M.D.
University of Colorado HSCenter
Lack of Detectable Levels of Fatty Acid Ethyl Esters in Plasma of Abstinent Liver Transplant Recipients

Cardiovascular Scholar Awards

Jamil Aboulhson, M.D.
UCLA Adult Congenital Heart Disease Center
Quantification of Pulmonary Calcium Deposits in Patients With Primary and Secondary Pulmonary Hypertension Using Computed Tomography

Christine E. Bixby
Harbor-UCLA Medical Center
Platelet Activator Factor Plays a Significant Role in Pulmonary Vascular Remodeling Associated With Chronic High Altitude Hypoxia (HAH) in Ovine Fetal Lambs

Yolanda E. Bogaert
UCHSC

Type 1 Collagen Regulates Vascular Smooth Muscle Cell Phenotype By Down-Regulation of CREB and SRF Through an AKT-Dependent Mechanism

Michelle Dew

University of Arizona
Attenuation Correction Affects Sum Stress Score in Myocardial Perfusion Imaging Among Women at Risk for Coronary Heart Disease

Shannon E. Hamrick

University of California San Francisco
Validating Cerebral NIRS in Postoperative Pediatric Cardiac Surgery

Elizabeth Juneman, M.D.

University of Arizona
Implantation Of 3DFC Patch Improves Left Ventricular Systolic Function and Prevents LV Remodeling After Myocardial Infarction

Eric S. Miguelino, M.D.

UC-Davis Medical Center
C-Reactive Protein (CRP): Adiponectin Ratio-A Novel Diagnostic Biomarker of the Metabolic Syndrome

Shelley D. Miyamoto

University of Colorado
Cell-Specific Responses in an Apoptotic Model of Viral Myocarditis

Christian H. Pott

UCLA
Increased Transient Outward Current, Shortened Action Potential Duration and $\text{I}_{\text{short-QT-Syndrome}}$ In $\text{Na}^+/\text{Ca}^{2+}$ Exchanger Knockout Mice

Benjamin Schaefer, M.D.

University of Washington
Variation in Cardiac Index by Thermodilution Methods in Heart Transplant Recipients

Uma Singh, Ph.D.

UC Davis
CRP Downregulates Il-10 Secretion from Human Monocyte-Derived Macrophages via Inhibition of Protein-Kinase A

Sara O. Weiss, M.D.

University of Colorado
Trichostatin A Differentially Regulates Pathologic and Physiologic Hypertrophy

Centocor Immunology And Rheumatology Scholar Award

Amit Goel

University of Washington
Assessment of Regulatory T Cells in Phenotypic Type 2 Diabetes Patients

Frederick J. Rubner

University of Utah
Polymorphonuclear Leukocyte Differentiation from Human Umbilical Cord Blood Stem Cells: A Model for Ontogenic Investigation

Centocor Scholar Award

Zahra Gharraee, M.D.

University of California, Irvine
Antenatal Indomethacin Suppresses Lung MMP Activity and VEGF Levels in Fetal Rabbits

Brigitte N. Gomperts

UCLA
Circulating Progenitor Epithelial Cells Traffic Via Cxcr4/Cxcl12 in Response to Airway Injury

Daniel Norman, M.D.

University of California, San Diego
Fibrosing Mediastinitis as an Etiology of Unexplained Syncope

Endocrinology Scholar Award

Jorge N. Artaza, M.D.

Charles Drew University
Myostatin Effects on C3h 10t (1/2) Mesenchymal Multipotent Cells Through the SMAD Signaling Pathway: A Microarray Approach

Piya Ballani, M.D.

Charles R. Drew University
Testosterone Effects on Muscle Mass and Strength: A Systematic Review of Trials in Young Hypogonadal Men and Middle-Aged and Older Men with Low Testosterone Levels

Jacalyn M. Bishop, B.S., M.D.

Oregon Health and Science University
The Development of Hepatic Steatosis and Oxidative Stress in the Offspring of Nonhuman Primates Fed a High-Fat Diet

Krista Erkkila, M.D., Ph.D

UCLA
N-Acetyl-L-Cysteine Restores Gsh-Gssg Ratio and Prevents Human Male Germ Cell Apoptosis

Western Regional Winners (continued)

Michael A. Garcia, M.D.

Charles R. Drew University
Differences in Subjective and Objective Sexual Function Between Hispanic and Non-Hispanic Women

Yue Jia, M.D., Ph.D.

UCLA
Mild Testicular Hyperthermia and Exogenous Testosterone Induce Germ Cell Apoptosis Through Mitochondrial-Dependent Pathway in Adult Cynomolgus Monkeys

Peter Y. Liu, M.B., B.S. (Hons), Ph.D.

UCLA
Recovery of Spermatogenesis after Androgen-Progestin Therapy

Hamid Moradi, B.S., M.D.

University of California, Irvine
Down-Regulation of Hepatic HDL Receptor Proteins in Hereditary Obesity

Stephanie T. Page

UWMC
Is There a Role for GNRH Antagonists in Male Hormonal Contraception?

Monica G. Schwarcz

UCLA-Harbor
Over-Expression of Estrogen Receptor Beta Contributes to Exogenous Testosterone Induced Germ Cell Apoptosis in Rats

Nissar A. Shah, M.D.

UCLA
Genetic Variation in 5 α -Reductase Influences Development of PCOS and Severity of Hirsutism

James W. Tsao

Charles R. Drew University
Androgen Modulation of Cell Lineage Commitment By Muscle-Derived Stem Cells (MDSC)

Chantal A. Vella, Ph.D.

University of New Mexico HSC
Oral Ethanol Suppresses Overnight Endogenous Ghrelin Secretion in Nondiabetic and Type 2 Diabetic Subjects

Natalia B. Volkova, M.D.

UCSF-Fresno
An Impact of Diabetic Ketoacidosis Guidelines Implementation on Residents' Level of Knowledge and Patients' Care

Huarong Zhou, M.D., Ph.D.

Pacific Northwest Research Institute
Restoration of Defective Glucagon Secretion During Hypoglycemia in Autoimmune Diabetes

Metabolism Scholar Award

Fernando Gerchman, M.D.

University of Washington
Increased Visceral Adiposity is Associated with Decreased Glomerular Filtration Rate by a Mechanism Independent of Glucose Tolerance

Viorica Ionut

University of Southern California
Portal GLP-1 Produces an Insulin-Independent Reduction in Glycemia by Increasing Peripheral Glucose Disposal, Without Changing Hepatic Glucose Balance

Kristen J. Nadeau, M.D.

University of Colorado HSC
Regulation of SREBP-1 Expression in Skeletal Muscle of Zucker Diabetic Rats by Fenofibrate and Rosiglitazone

Robert H. Nelson, M.D.

Mayo Clinic
Lipoprotein Lipase-Mediated Fatty Acid Metabolism in the Splanchnic Bed

Aaron W. Pardini, M.D.

University of Washington
Localization of IRS-2 in Brain Areas Important for Energy Homeostasis

Jenny Tong

University of Washington
Parasympathetic Innervation May Mediate the Effect of Age and Gender on Body Fat Distribution in Humans

Kristina M. Utschneider, M.D.

University of Washington
The Early Insulin Response to an OGTT Exhibits Marked Day-To-Day Variability in Free-Living Adults

Renal Scholar Award

Florian E. Toegel, M.D.

University of Utah
Renal Protective Actions of Bone Marrow Derived Mesenchymal Stem Cells Are a Potential New Treatment for Acute Renal Failure

Submit your Proposals NOW for Experimental Biology 2007

April 28-May 2, 2007
Washington, DC

As the largest general Physician Scientist Organization in the country, we have formed a liaison with the American Physiological Society (APS) and FASEB. AFMR is accepting proposals for 2-hr symposia presentations at the 2007 Experimental Biology meeting, which is scheduled for April 28 - May 2, 2007 in Washington, DC. The **Symposia Submission Form** can be found on the **AFMR website: www.afmr.org**.

Over 20,000 physicians, scientists, and healthcare professionals are expected to attend this very prestigious multidisciplinary scientific meeting. The AFMR encourages you to submit a proposal today! These thematic symposia should have a bench to bedside character and highlight recent basic science developments that are being brought to the bedside. Be creative. Follow the appended format for submission. This is an excellent opportunity to showcase your work.

All proposals will be reviewed by the AFMR National Council and Executive Committee. All symposia organizers for the symposia which are selected for presentation at the 2007 Experimental Biology Meeting will be expected to submit manuscripts of their presentation for consideration for publication in the *Journal of Investigative Medicine*, which is the official journal of the AFMR. Please make sure that your invited faculty are aware of this requirement.

The AFMR provides financial support to symposia organizers and presenters for their participation in this important process.

Forms Available online at www.afmr.org

NEW AFMR MEMBERS

Jamil AboulHosn, M.D. <i>Los Angeles, California</i>	James Hansen, M.D. <i>Dallas, Texas</i>	Eric S. Miguelino, M.D. <i>Sacramento, California</i>	Daniel Sherbet, M.D. <i>Dallas, Texas</i>
Maliha Agloria, M.D. <i>Hamilton, Ohio</i>	Patricia C. Heyn, Ph.D. <i>Denver, Colorado</i>	Shelley D. Miyamoto, M.D. <i>Denver, Colorado</i>	Uma Singh, Ph.D. <i>Sacramento, California</i>
Bradley D. Anawalt, M.D. <i>Seattle, Washington</i>	Julie Hoover-Fong, M.D. <i>Baltimore, Maryland</i>	Hamid Moradi, M.D. <i>Orange, California</i>	Padmini Sircar, M.D. <i>Brooklyn, New York</i>
Maines L. Aviles-Santa, M.D. <i>Dallas, Texas</i>	Uzoma N. Ibebuogu, M.D. <i>Augusta, Georgia</i>	Majid M. Mughal, M.D. <i>Mobile, Alabama</i>	Michael S. Somero, M.D. <i>Palm Springs, California</i>
Piya Ballani, M.D. <i>Los Angeles, California</i>	Vinu Ipe, M.D. <i>Dallas, Texas</i>	Khurram Nazeer, M.D. <i>Louisville, Kentucky</i>	Rita Steffen, M.D. <i>Cleveland, Ohio</i>
Sarah Barber, M.D. <i>Dallas, Texas</i>	Yue Jia, M.D. <i>Torance, California</i>	Peter J. Nelson, M.D. <i>New York, New York</i>	John R. Teerlink, M.D. <i>San Francisco, California</i>
Jacalyn M. Bishop, M.D. <i>Portland, Oregon</i>	Javid Kamali, M.D. <i>Albuquerque, New Mexico</i>	Robert H. Nelson, M.D. <i>Rochester, Minnesota</i>	Fernando Tondato, M.D. <i>Norcross, Georgia</i>
Christine E. Bixby, M.D. <i>Torrance, California</i>	Shamsah Kazani, M.D. <i>Boston, Massachusetts</i>	Daniel Norman, M.D. <i>San Diego, California</i>	James W. Tsao, M.D. <i>Los Angeles, California</i>
Charles Bruen, M.D. <i>Dallas, Texas</i>	Qasim Khalil, M.D. <i>Cincinnati, Ohio</i>	Brendan O'Neill, M.D. <i>Dallas, Texas</i>	Guillermo E. Umpierrez, M.D. <i>Atlanta, Georgia</i>
Jason Chang, M.D. <i>Dallas, Texas</i>	Sudha Koppaka, M.D. <i>Yonkers, New York</i>	Stephen J. Oliver, M.D. <i>New York, New York</i>	Irina Velicu <i>Herndon, Virginia</i>
John H. Eisenach, M.D. <i>Rochester, Minnesota</i>	Polyxeni S. Koutkia, M.D. <i>Boston, Massachusetts</i>	Bryan Ong, M.D. <i>Dallas, Texas</i>	Chantal A. Vella, Ph.D. <i>Albuquerque, New Mexico</i>
Yonas Endale Geda, M.D. <i>Jacksonville, Florida</i>	Phillip Kuan, <i>Dallas, Texas</i>	Amitabh C. Pandey, B.S. <i>New Orleans, Louisiana</i>	Joseph M. Vinetz, M.D. <i>La Jolla, California</i>
Jonathan A. Epstein, M.D. <i>Philadelphia, Pennsylvania</i>	Ponon D. Kumar, M.D. <i>Fort Gratiot, Michigan</i>	Aaron W. Pardini, M.D. <i>Seattle, Washington</i>	Natalia B Volkova, M.D. <i>Fresno, California</i>
Sophie Esmail, M.D. <i>Dallas, Texas</i>	Christopher T. Lam, B.S. <i>Mason, Ohio</i>	Myria Petrou, MB ChB <i>Ann Arbor, Michigan</i>	Ihab M. Wahba, M.D. <i>Lake Oswego, Oregon</i>
Mulugeta Fissha, M.D. <i>Owings Mills, Maryland</i>	Keith K. Lau, M.D. <i>Memphis, Tennessee</i>	Huy M. Phan, M.D. <i>Tucson, Arizona</i>	Jeanette M. Waller, BA <i>Irvine, California</i>
Fernando Gerchman, M.D. <i>Seattle, Washington</i>	Do-Eun Lee, M.D. <i>New York, New York</i>	Basel Ramlawi, M.D. <i>Boston, Massachusetts</i>	Sara O. Weiss, M.D. <i>Denver, Colorado</i>
Darshan P. Godkar, M.D. <i>Brooklyn, New York</i>	Eugene Limanovich, M.D. <i>Dallas, Texas</i>	Elizabeth A. Regan, M.D. <i>Denver, Colorado</i>	Magdalena Winiarska, M.D. <i>West Chester, Ohio</i>
Richard S. Goldstein, M.D. <i>Manhasset, New York</i>	Peter Y. Liu, MBBS <i>Torrance, California</i>	Mark G. Roddy, M.D. <i>Washington, DC</i>	Charles J. Wray, M.D. <i>La Jolla, California</i>
Brigette N. Gomperts, M.D. <i>Los Angeles, California</i>	James R. Lucas, M.D. <i>Kamuela, Hawaii</i>	Katya Ruh, M.D. <i>Redlands, California</i>	Jason Yoho, M.D. <i>Baltimore, Maryland</i>
Mark O. Goodarzi, M.D. <i>Los Angeles, California</i>	Farah K. Madhani-Love, M.D. <i>Albuquerque, New Mexico</i>	Benjamin Schaefer, M.D. <i>Seattle, Washington</i>	Zili Zhang, M.D. <i>Portland, Oregon</i>
Anil Gupta, M.D. <i>Brooklyn, New York</i>	Vandana Madkan, M.D. <i>Houston, Texas</i>	Kane L. Schaphorst, M.D. <i>Mobile, Alabama</i>	Huarong Zhou, M.D. <i>Seattle, Washington</i>
David Gutstein, M.D. <i>New York, New York</i>	Nichole Mahnert, M.D. <i>Dallas, Texas</i>	Kathryn G. Schuff, M.D. <i>Portland, Oregon</i>	
Colleen M. Hadigan, M.D. <i>Boston, Massachusetts</i>	Leticia Manning Ryan, M.D. <i>Washington, DC</i>	Monica G. Schwarcz, M.D. <i>Torrance, California</i>	
Shannon E. Hamrick, M.D. <i>San Francisco, California</i>	Christos S. Mantzoros, M.D. <i>Boston, Massachusetts</i>	Nissar A. Shah, M.D. <i>Los Angeles, California</i>	

PASS ALONG THE AFMR MEMBER ADVANTAGE





THE AMERICAN FEDERATION FOR MEDICAL RESEARCH

Why join the AFMR?

Members receive:

- A complimentary subscription to the *Journal of Investigative Medicine*
- Access to award programs designed specifically to support both practicing and developing Clinical Researchers:

The Henry Christian Award
The AFMR Outstanding Investigator Award
The AFMR Junior Physician-Investigator Award
Regional Scholars' Programs

- Abstract submission opportunities for national and regional meetings
- Regular electronic newsletters
- Advocacy programs for Physician Scientists and legislative updates via email



The AFMR...

*Bridging the gap from
bench to bedside...*

www.afmr.org

American Federation for Medical Research

TRANSLATIONAL SYMPOSIA to be presented at
EXPERIMENTAL BIOLOGY 2006

APRIL 1-5, 2006

Moscone Convention Center, San Francisco, California

SYMPOSIUM I - Sunday, April 2, 2006 – 8:00-10:00 AM (Room 135)

“A Comprehensive Stem Cell Research Update”

Meredith Hawkins, M.D., Chair

SYMPOSIUM II - Sunday, April 2, 2006 - 10:30 AM – 12:30 PM (Room 250/262)

“HIV Lipodystrophy: Lessons from a Novel Metabolic Syndrome”

Steven K. Grinspoon, M.D., Chair

SYMPOSIUM III - Sunday, April 2, 2006 - 3:15-5:15 PM (Room 274/276)

“Pathological Calcification: Crystallization, Infection or Cell Transdifferentiation”

Virginia M. Miller, PhD, Chair

SYMPOSIUM IV - Monday, April 3, 2006 - 8:00-10:00 AM (Room 274/276)

“Mechanism Based Neurotherapeutics for Osteoarticular Pain”

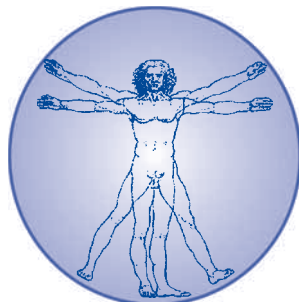
Maren L. Mahowald, M.D., Chair

Submit your manuscript to the
Journal of Investigative Medicine

The *Journal of Investigative Medicine* is the official publication of the American Federation for Medical Research (AFMR). The *Journal* publishes original articles and reviews of broad interest to academic physicians and scientists. Authors wishing to contribute reviews are encouraged to contact the Editor prior to submission.



Manuscripts containing new material are accepted for consideration for publication with the provision that they are submitted solely to the *Journal of Investigative Medicine* and that no part of the material has been submitted to any other publication. For complete Author Information on *Journal* submission, please visit the AFMR website, www.afmr.org or visit the publisher's website at www.bcdecker.com



AFMR *News*

900 Cummings Center, Suite 221-U
Beverly, MA 01915