



The Salk Institute **BULLETIN**

March 15-22, 2010

3-11-10

The text of the Salk Weekly Bulletin is available via the Internet. World-Wide Web users will find it on the Salk Institute Home Page (http://www.salk.edu/events/scientific_seminars.html). If you no longer need to be sent a hard-copy version of this bulletin, have questions about listed seminars, or wish to submit a seminar for inclusion in this list, please contact Inger Johnson at (858) 453-4100 ext. 1658 or send email to ikjohnson@salk.edu. Please e-mail any seminar cancellations to ikjohnson@salk.edu and they will be sent out to the e-mail addresses.

Monday, March 15, 2010

Announcement--San Diego Center for Algae Biotechnology Symposium, Friday, April 23, 2010

Various Speakers, See Website for Full Details

Registration Now Open

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Frederic de Hoffmann Auditorium, Salk Institute for Biological Studies

Register at: <http://algae.ucsd.edu/symposium.shtml>

Contact: Crystal Warning, cwarning@ucsd.edu

12:00 pm

"Myths, Musings, and History: The Journey from UCSD to the President of the Society for Neuroscience"

Eve Marder, Ph.D., Professor of Neuroscience, Brandeis University; Past President of the Society for Neuroscience; UCSD Distinguished Alumna

WISE presentation

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Price Center West- Thurgood Marshall Room

2:00 pm

"Nuclear Receptor-Mediated Repression of Neuroinflammation"

Kaoru Saijo, Ph.D., University of California, San Diego

ADI Faculty Candidate Seminar

THE SCRIPPS RESEARCH INSTITUTE

W.M. Keck Foundation Amphitheater, Beckman Chemistry Center

Host: Ardem Patapoutian, Department of Cell Biology

4:00 pm

"Speeding Up Microtubule Growth"

Gary John Brouhard, Ph.D., Assistant Professor, Department of Biology, McGill University, Montreal, Quebec, Canada

Cell Biology Affinity Group Seminar Series

THE SCRIPPS RESEARCH INSTITUTE

THE COMMITTEE Lecture Hall, Skaggs Institute Building

Host: Dr. Ron Milligan

4:00 pm

"New Animal Models of Human Neuromuscular Diseases"

Diane Shelton, DVM, Ph.D., Professor of Pathology, University of California, San Diego

The Pathology Research Lecture Series

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Leichtag Biomedical Building, Room 107

Contact: Linda Kroleski, lkroleski@ucsd.edu, 858-534-7377

Tuesday, March 16, 2010

8:30 am

"Nuclear Receptor Repression Pathways that Regulate Inflammation"

Chris Glass, M.D., Ph.D., Professor of Medicine, Professor of Cellular and Molecular Medicine, Div. of Endocrinology & Metabolism, UCSD

The Rheumatology, Allergy, and Immunology (RAIS) Series

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Leichtag Biomedical Building, Room 107

11:00 am

"Coping with Challenges From Outside and Inside: RNA-based Defense Mechanisms in Drosophila"

Rui Zhou, Ph.D., Harvard Medical School, Boston, Massachusetts

Special Seminar, Faculty Candidate

SANFORD | BURNHAM MEDICAL RESEARCH INSTITUTE

Fishman Auditorium, 10901 N. Torrey Pines Rd.

Host: Dr. Tariq Rana

Contact: Lindsey Stratton, lstratton@burnham.org

12:30 pm

"Sanford-Burnham Structural Biology Core: From Protein to Structure and Beyond"

Andrey Bobkov, Ph.D., Director, Protein Production and Analysis Facility; & Jinghua Yu, Ph.D., Manager, Crystallography & Nuclear Magnetic Resonance Facilities, Sanford | Burnham-Structural Biology

La Jolla Interdisciplinary Neuroscience Center Cores Seminar, (Speakers 1 & 2)

SANFORD | BURNHAM MEDICAL RESEARCH INSTITUTE

Fishman Auditorium

Host: Stuart A. Lipton, M.D., Ph.D.

Contact: Dawn Dunsmore, dunsmore@burnham.org

12:30 pm **"Salk X-Ray/NMR Core and Recent Progress on Membrane Proteins"**
Witek Kwiatkowski, Ph.D., Staff Scientist, Structural Biology Laboratory, Salk Institute for Biological Studies
La Jolla Interdisciplinary Neuroscience Center Cores Seminar (Speaker 3 of 3)
SANFORD | BURNHAM MEDICAL RESEARCH INSTITUTE
Fishman Auditorium
Host: Stuart A. Lipton, M.D., Ph.D.
Contact: Dawn Dunsmore, dunsmore@burnham.org

1:00 pm **"Mapping Stromal:Lymphoid Interactions during Steady-state Thymic Lymphopoiesis"**
Howard T. Petrie, Ph.D., Professor, Department of Cancer Biology, The Scripps Research Institute, Florida
Immunology Affinity Group Series
THE SCRIPPS RESEARCH INSTITUTE
THE COMMITTEE Lecture Hall, Skaggs Institute Building

2:00 pm **"What is Cytomegalovirus Teaching Us about Innate and Adaptive Immunity"**
Chris A. Benedict, Ph.D., Assistant Faculty Member, Division of Molecular Immunology, La Jolla Institute for Allergy and Immunology
Genetics Affinity Group Seminar Series
THE SCRIPPS RESEARCH INSTITUTE
3040 Science Park Road
Host: Dr. Bruce Beutler

4:00 pm **"How Reliable is Neuromodulation across Individuals?"**
Eve Marder, Professor of Neuroscience, Brandeis University; Past President of the Society for Neuroscience; UCSD Distinguished Alumna
Merck Neurosciences Seminar Series
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Leichtag Biomedical Building, Room 107
Host: Lauren McElvain
Contact: lmcelvain@ucsd.edu

Wednesday, March 17, 2010

12:00 pm **"Antigen Presentation Features in Autoimmune Diabetes"**
Emil Unanue, Ph.D., Lacy Professor of Pathology & Immunology, School of Medicine, Washington University
LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY
Ishizaka Seminar Room
Host: Mitchell Kronenberg, Ph.D.
Contact: Jenny Lagos, 752-6722

1:00 pm **"Sequencing Epigenomes"**
Joseph Ecker, Ph.D., Professor, Salk Institute for Biological Studies
Integrated Biological Systems Seminar, Scripps Translational Science Institute
THE SCRIPPS RESEARCH INSTITUTE
W.M. Keck Foundation Amphitheater, Beckman Chemistry Center

4:00 pm **"Choanoflagellate Morphogenesis, Bacterial Signaling Molecules, and the Origin of Animal Multicellularity"**
Nicole King, University of California, Berkeley
Division of Biological Sciences Seminar
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Center for Molecular Genetics, Large Conference Room
Host: Jim Posakony
Contact: Ali Garrity, abarron@salk.edu

6:00 pm **"Creating a Successful Research Campus for the 21st Century"**
Ken Kornberg, AIA, Kornberg Associates; commentary following by Terry Sejnowski, PhD, Professor, Salk Institute
ANFA (Academy of Neuroscience for Architecture) Interfaces Series
SALK INSTITUTE FOR BIOLOGICAL STUDIES
Frederic de Hoffmann Auditorium
RSVP to: anfarch@gmail.com

Thursday, March 18, 2010

11:00 am **"Defining and Improving the Immunological fate of Beta-Cells in Clinical Type 1 Diabetes"**
Bart O. Roep, Ph.D., Professor of Medicine; Director, National Diabetes Expert Center, Leiden University Medical Center, Leiden, The Netherlands
LIAI Seminar
LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY
Ishizaka Seminar Room
Host: Dr. Matthias von Herrath

12:00 pm **CANCELLED TALK**
CANCELLED--Mary C. Dinauer, M.D., Ph.D., Indiana University School of Medicine
Immunology Affinity Group seminar
THE SCRIPPS RESEARCH INSTITUTE
THE COMMITTEE Lecture Hall, Molecular Biology Bldg
Contact: Daniella Carlson, dcarlson@scripps.edu

- 12:00 pm **"Molecular Mechanisms of Foxp3 Induction and Function in Regulatory T Cells"**
Ye Zheng, Ph.D., Assistant Professor, Immunology and Microbial Pathogenesis Laboratory, Salk Institute for Biological Studies
Immunology Affinity Group Series
THE SCRIPPS RESEARCH INSTITUTE
THE COMMITTEE Lecture Hall, Skaggs Institute Building
Host: Changchun Xiao
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- 12:00 pm **"Color Variation: Model Systems & Model Organisms in a Post-genome World"**
Greg Barsh, Stanford University
UCSD Genetics and Genomics Seminar Series
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Leichtag Biomedical Building, Room 107
Host: Benjamin Yu
Contact: byu@ucsd.edu
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- 2:00 pm **"Circadian Clocks are Chemical Energy Sources that Regulate Mammalian Metabolism"**
Katja Lamia, Ph.D., Gene Expression Laboratory, Salk Institute for Biological Studies
ADI Faculty Candidate Seminar
THE SCRIPPS RESEARCH INSTITUTE
THE COMMITTEE Lecture Hall, Skaggs Institute Building
Host: Enrique Saez
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- 3:30 pm **"Novel Roles for GRKs and beta-Arrestins in Cardiac Injury and Repair"**
Walter J. Koch, Ph.D., Professor & Director of the Center for Translational Medicine, Jefferson Medical College, Thomas Jefferson University
SDSU MBI Seminars
SAN DIEGO STATE UNIVERSITY
BioScience Center, Gold Auditorium
Host: Dr. Mark Sussman
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- 3:30 pm **Talk Title To Be Announced**
Dr. So Iwata, David Blow Chair of Biophysics, Imperial College London
Structure and Chemistry Affinity Group
THE SCRIPPS RESEARCH INSTITUTE
THE COMMITTEE Lecture Hall, Skaggs Institute Building
Host: Ray Stevens
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- 4:00 pm **"Targeting of Somatic Hypermutation and V(D)J Recombination during Lymphocyte Development"**
David Schatz, Ph.D., Investigator, HHMI; Professor of Immunobiology, Yale University School of Medicine
SALK INSTITUTE FOR BIOLOGICAL STUDIES
Frederic de Hoffmann Auditorium
Host: Greg Lemke
Contact: Inger Johnson, ikjohnson@salk.edu
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Friday, March 19, 2010

1:00 pm "Chasing the Golden Fleece: Exploring the Chromatin Modulating Roles of CSR-1 and the Argonautes in *C. elegans*"

Julie Claycomb, Ph.D., University of Massachusetts Medical School

Special Seminar, Faculty Candidate

SANFORD | BURNHAM MEDICAL RESEARCH INSTITUTE

Fishman Auditorium, 10901 N. Torrey Pines Rd.

Host: Dr. Tariq Rana

Contact: Lindsey Stratton, lstratton@burnham.org

2:00 pm

"Formation of Carbon-Halogen Bonds Assisted by Late Transition Metals"

Arkadi Vigalok, Ph.D., Associate Professor, School of Chemistry, Tel Aviv University

Chemistry Department Seminar Series

THE SCRIPPS RESEARCH INSTITUTE

W.M. Keck Foundation Amphitheater, Beckman Chemistry Center

Host: Jin-Quan Yu

3:30 pm

"Chemical Biology of Host-Virus Interactions: Molecular Mechanisms of Hepatitis C Virus Infection"

John Pezack, Ph.D., Senior Research Officer, Steacie Inst. for Molecular Sciences, National Research Council of Canada; Adjunct Prof., Dept. of Chem. & Biochem., and Microbiology. & Immunology, University of Ottawa

Department of Chemistry Lecture Series

THE SCRIPPS RESEARCH INSTITUTE

W.M. Keck Foundation Amphitheater, Beckman Chemistry Center

Host: Peter Schultz

Contact: 858-784-9303

4:00 pm

"Control of Hematopoietic Stem Cell Proliferation During Development"

Daniel G. Tenen, M.D., Professor, Harvard Medical School; Director, Blood Program, Harvard Stem Cell Institute; Director, Cancer Biology Program, Beth Israel Deaconess Medical School

Moore's Cancer Center Director's Seminar

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Goldberg Auditorium, 2nd floor, Moores UCSD Cancer Cntr.

Host: Dr. Dong-Er Zhang

Monday, March 22, 2010

4:00 pm

"Ameliorating Loss- and Gain-of-Function Protein Misfolding and Aggregation Diseases by Adapting Proteostasis"

Jeffery Kelly, Ph.D., Lita Annenberg Hazen Professor of Chemistry; Chairman, Department of Molecular and Experimental Medicine, TSRI

The Pathology Research Lecture Series

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Leichtag Biomedical Building, Room 107

Contact: Linda Kroleski, lkroleski@ucsd.edu, 858-534-7377

4:00 pm

"Mechanisms in the Trade-off Between *Drosophila* Reproduction and Aging"

Marc Tatar, Ph.D., Professor of Biology, Brown University

Neuroplasticity of Aging Training Grant Lecture Series

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Skaggs School of Pharmacy, Room 11200

Host: Edward Koo

Contact: Trygve Bakken, tbakken@ucsd.edu

NEW LIBRARY BOOKS

Carter, Matt. Guide to research techniques in neuroscience. Boston : Elsevier/
Academic Press, 2010. RC 337 C37 2010

Chihuly, Dale. The art of Dale Chihuly. San Francisco : Chronicle Books, 2008.
OFF NK 5198 C43 A4 2008

Latchman, David S. Gene control. New York : Garland Science, 2010. QH 450 L38 2010

Sutton, Raul. Chemistry for the life sciences, 2nd edition. Boca Raton : CRC Press/Taylor &
Francis Group, 2009. QD 33.2 S88 2009



SALK INSTITUTE
FOR BIOLOGICAL STUDIES

David Schatz, Ph.D.

Investigator, Howard Hughes Medical Institute

Professor of Immunobiology

Yale University School of Medicine

**Targeting of Somatic Hypermutation and
V(D)J Recombination during
Lymphocyte Development**

4:00 p.m.

March 18, 2010

Frederic de Hoffmann Auditorium

East Building

Host: Greg Lemke

There will be refreshments in the lobby outside the auditorium immediately following the seminar, affording an opportunity to speak personally with the seminar speaker.