



The Salk Institute **BULLETIN**

12/3/12...12/10/12

11/29/2012

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 Jaclyn Durocher at (858) 453-4100 ext. 1200 or send email to jdurocher@salk.edu. Please e-mail any seminar cancellations to jdurocher@salk.edu and they will be sent out to the e-mail addresses.

Monday, December 3, 2012

11:00 am

“Dislocation-Driven Growth of Nanomaterials”

Stephen Morin, Postdoctoral Scholar, Harvard University

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Urey Room (UH2102)

Host: Clifford Kubiak

12:00 pm

“Drug Hypersensitivity Caused by Alteration of the MHC-presented Self-peptide Repertoire”

Bjoern Peters, Professor, Center for Infectious Disease; Allergy & Asthma Research, La Jolla Institute for Allergy and Immunology

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Leichtag Biomedical Building, Room 107

Contacts: mgilson@ucsd.edu, dongwang@ucsd.edu

3:00 pm

“Novel Approaches to Identity and Abrogate Caspase Activity in CNS Disease”

Carol M. Troy, M.D., Ph.D., Associate Professor, Pathology, Cell Biology and Neurology, Taub Center for the Study of Alzheimer’s Disease and the Aging Brain, Columbia University College of Physicians and Surgeons

Neuroplasticity of Aging Training Grant Seminar Series

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Pharmaceutical Sciences Building, Room 1186

Host: Hoang Nhang

Contact: Brenda Denny, 858-246-1261

Tuesday, December 4, 2012

9:00 am Network Analysis and Cytoscape Workshop

Various Speakers -- See Website for Full Listing

Registration is free but required: <http://sdcsbcytoscape.eventbrite.com/#>

SALK INSTITUTE FOR BIOLOGICAL STUDIES

Frederic de Hoffmann Auditorium

Host: San Diego Center for Systems Biology

Email: sdcsb@ucsd.edu

2:00 pm "From Gene Circuit to Epigenetic Landscape to Cell Population Dynamics: Implications for Mutation-less Progression of Cancer"

Sui Huang, Institute for Systems Biology, Seattle

BioCircuits Institute / SDCSB Fall Seminar Series

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Center for Neural Circuits & Behavior (formerly CMG)

Contact: Cookie Santamaria, 858-534-1981, cookie@ucsd.edu

2:00 pm "Microbial Pathogenesis and Host Response in *C. elegans* Intestinal Infections"

Emily Troemel, University of California, San Diego

Cell & Developmental Biology Special Seminar

UNIVERSITY OF CALIFORNIA, SAN DIEGO

1205 Natural Sciences Building

Hosts: Andrew Chisholm & Marty Yanofsky

Contact: Jackie Vignes, 858-822-0654

2:00 pm "Mimicking Life: De Novo Vesicle Formation Driven by a Biomimetic Coupling Reaction"

Neal Devaraj, Assistant Professor, Chemistry and Biochemistry, UC San Diego

BioCircuits Institute / SDCSB Fall Seminar Series

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Center for Neural Circuits & Behavior (formerly CMG)

Contact: Cookie Santamaria, cookie@ucsd.edu, 858-534-1981

2:00 pm "From Hamiltonians to Heart Disease: Adventures in Shotgun Lipidomics and the Chemical Biology of Diabetes"

Dr. Richard W. Gross, Chief, Division of Bioorganic Chemistry and Molecular Pharmacology Washington University School of Medicine

The Department of Chemical Physiology

THE SCRIPPS RESEARCH INSTITUTE

W.M. Keck Foundation Amphitheater, Beckman Chemistry Center

Host: The Cravatt Laboratory

Contact: Cheryl Negus, 858-784-9465

4:00 pm **“Assembling A Neural Circuit: Cell Fate and Brain Wiring During Development”**
Sue McConnell, Stanford
Neurosciences Seminar Series 2012-2013
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Center for Neural Circuits & Behavior (formerly CMG)
Host: Rachel Tsunemoto

5:00 pm **"Noninvasive Personalized Genomics"**
Charles Cantor, Ph.D., Sequenom, San Diego
Cancer Affinity Group
THE SCRIPPS RESEARCH INSTITUTE
W.M. Keck Foundation Amphitheater, Beckman Chemistry Center
Host: Peter K. Vogt
Contact: Anja Zembrzycki, 858-784-8079

Wednesday, December 5, 2012

11:00 am **“Toward Imaging Membrane Protein Assembly and Dynamics with In-situ Atomic Force Microscopy”**
Paul Ashby, Molecular Foundry, Lawrence Berkeley National Laboratory
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Cymer Conference Center (SME 248)
Contact: Anna Shonle, 858-822-2562

12:00 pm **Talk Title to be Announced**
Anne Goldfeld
LIAI Seminar
LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY
Ishizaka Seminar Room
Host: Bjoern Peters
Contact: Kelly Riddle-Hilde, kelly@liai.org

Thursday, December 6, 2012

10:00 am **“Development and Applications of Asymmetric Hydrovinylation Reaction”**
T.V. (Babu) RajanBabu, Professor, The Ohio State University
Organic Seminar
UNIVERSITY OF CALIFORNIA, SAN DIEGO
NSB 1205
Host: Carlos Guerrero

12:00 pm **“Optical Techniques for Cell Tracking in Live Animals”**
Charles P. Lin, Ph.D., Associate Professor, Dermatology, Harvard Medical School
THE SCRIPPS RESEARCH INSTITUTE
THE COMMITTEE Lecture Hall, TSRI
Contact: Daniella R. Carlson, iag-desk@scripps.edu

12:00 pm **“Multitasking Anti-cancer Therapeutics”**
K. Dane Wittrup, MIT
Biochemistry Seminar
UNIVERSITY OF CALIFORNIA, SAN DIEGO
NSB 1205
Host: Neal Devaraj

12:00 pm **"Variant Enhancer Loci in Cancer and Common Disease"**
Peter Scacheri, Ph.D., Genetic and Genomic Sciences, Case Western Reserve University
UCSD Genetics & Genomics in Medicine Seminar Series
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Leichtag Biomedical Building, Room 107
Host: Thomas Stark
Contact: Jennifer Case, jacase@ucsd.edu

3:30 pm **Talk Title to be Announced**
Jeremy Stark, Associate Professor , Radiation Biology, City of Hope, Duarte, CA
SDSU MBI Seminar
SAN DIEGO STATE UNIVERSITY
BioScience Center, Gold Auditorium
Host: Anca Segall
Contact: Medora Bratlien, 619-594-7429, mbratlien@mail.sdsu.edu

4:00 pm **“Molecular and Cellular Determinants of Glioma Formation in Mice”**
David H. Gutmann, M.D., Ph.D., Neurology, Washington University School of Medicine
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Center for Neural Circuits & Behavior (formerly CMG)
Host: Frank Furnari
Contact: Judy Johns, 858-534-9684, jujohns@ucsd.edu

Friday, December 7, 2012

8:30 am **"Responses of the Developing Mammalian Brain to Hypoxia and Hypothermia"**

Philip E. Bickler, M.D., Ph.D., RCHSD

Neurosciences Seminar Series

Children's Hospital

RCHSD Medical Office Building Rm 113

Contact: Linh Vandermar, 858-534-7875

1:00 pm **CARTA Public Symposium - "The Evolution of Human Nutrition"**

Various Speakers -- See Website for Full Listing

Admission is free, but registration is required. Live webcast also available

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Price Center, East Ball Room

Contact: Linda Nelson, 858-246-0847, cartaadmin@ucsd.edu

2:00 pm **"Single-Cell Sequencing"**

Kun Zhang, Ph.D., Associate Professor, Bioengineering, UC San Diego

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Powell-Focht Bioengineering Hall, Fung Auditorium

Monday, December 10, 2012

10:00 am **"Mechanisms of Immunological Memory in Natural Killer Cells"**

Joseph C. Sun, Ph.D., Assistant Professor of Immunology, Memorial Sloan-Kettering Cancer Center

Division of Biological Sciences Section of Molecular Biology

Immunobiology Seminar Series

UNIVERSITY OF CALIFORNIA, SAN DIEGO

1205 Natural Sciences Building

Contact: Andrea Schnitz, 858-534-0625, aschnitz@ucsd.edu

11:00 am **"Controlling Holes for Efficient Solar-to-Fuels Conversion"**

Yogesh Surendranath, Postdoctoral Scholar, UC Berkeley

Special Seminar

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Urey Room (UH2102)

Host: Clifford Kubiak

12:00 pm

“Engineering “Molecular Grenades” for Cancer”

**John T. Isaacs, Ph.D., Professor, Chemical and Biomolecular Engineering,
Professor, Anti-Cancer Drug Development Program, The Johns Hopkins University
*Cancer Center Seminar***

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Fishman Auditorium

Host: Dieter Wolf

Contact: Laura Frazer, laura@sanfordburnham.org