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, January 14, 2013

11:00 am

“Synthetic Mucin Mimetics: Nanoscale Tools for Glycobiology”
Kamil Godula, Postdoctoral Scholar, Lawrence Berkeley National Laboratory
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Urey Room (UH2102)
Host: Yitzhak Tor

12:00 pm

“How the Lack of Basic Statistics Hinders the Improvement of Computer-aided Drug Discovery”
Dr. Anthony Nicholls, President and CEO, OpenEye Scientific Software
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Leichtag Auditorium (107)
Hosts: Michael Gilson & Dong Wang
Contact: 2-0622, 2-5561, drugdiscovery@ucsd.edu

1:00 pm

“Orchestration of Thiamin Biosynthesis and Plant Central Metabolism through the Combined Action of the TPP Riboswitch and the Circadian Clock”
Asaph Aharoni, Weizmann Institute of Science, Israel
Cell & Developmental Biology Seminar
UNIVERSITY OF CALIFORNIA, SAN DIEGO
1103 Muir Biology Building
Host: Mark Estelle
Contact: 858-246-0453, mestelle@ucsd.edu

4:00 pm

“Axitinib (Inlyta®)”
Jay Srirangam, Ph.D. Associate Research Fellow, Pfizer
Organic Seminar
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Natural Science Building, Room 1205
Host: Kim Albizati
“Career Changing Events in Research”
Eugene Braunwald, M.D., Ph.D., Distinguished Hersey Professor of Medicine, Harvard Medical School
UNIVERSITY OF CALIFORNIA, SAN DIEGO
MET 141 (Medical Education-Telemedicine Building)
Host: Physician-Scientist Colloquium, UCSD MSTP
Contact: Please RSVP at psc@ucsd.edu

Tuesday, January 15, 2013

“Human Cortical Mechanisms Which Improve Perception with Prior Information”
Justin L. Gardner, Ph.D., Unit Leader, Gardner Research Unit, RIKEN Brain Science Institute; Adjunct Associate Professor, Cognitive and Behavioral Science, The University of Tokyo
SALK INSTITUTE FOR BIOLOGICAL STUDIES
Parker Conference Room, East Building
Host: John Reynolds
Contact: Mary Garcia, mgarcia@salk.edu

“Receptors, Synapses and Memory”
Richard L. Huganir, Ph.D., Professor and Director, Neuroscience, HHMI; Investigator, Johns Hopkins University
President’s Lecture Series
SANFORD | BURNHAM MEDICAL RESEARCH INSTITUTE
Fishman Auditorium
Host: Rongsheng Jin
Contact: Tara Mabry, tmabry@sanfordburnham.org

“The Endocannabinoid System as a Target for New Medicines”
Dr. Daniele Piomelli, University of California, Irvine
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Leichtag Biomedical Building, Room 107
Host: Jerold Chun
Contact: Lizette Cerf, 858-822-3936, pharmeducation@ucsd.edu

“Using Molecular Dynamics Simulations to Advance Our Understanding of Complex Biological Systems”
Benoit Roux, Professor, University of Chicago
Physical/Analytical Seminar
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Natural Science Building, Room 1205
Host: Rommie Amaro
“The Human Connectome Project”

David van Essen, Washington University
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Center for Neural Circuits & Behavior (formerly CMG)
Host: Marina Garrett

Wednesday, January 16, 2013

8:00 am
Various Speakers -- See Website for full listing
SALK INSTITUTE FOR BIOLOGICAL STUDIES
Frederic de Hoffmann Auditorium
Contact: Nova Summers, 858-453-4100 x1615, nsummers@salk.edu

11:00 am
“Biomimetic Materials for Regenerative Medicine”

Peter X. Ma, University of Michigan
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Cymer Conference Center (SME 248)
Contact: Anna Shonle, 858-822-2562

12:15 pm
“The Legacy of Joseph Grinnell: Predicting the Future from the Record of the Past”

James Patton, UC Berkeley
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Hubbs 4500
Contact: Kirk Sato, knsato@ucsd.edu

2:30 pm
“Metal Ion Interactions with Mineral Surfaces and Field Studies of Organic Aerosol Composition: Elucidating the Environmental Chemistry of the Sea, Land and Air”

Dr. Patrick Hayes, University of Colorado
UNIVERSITY OF CALIFORNIA, SAN DIEGO
PACH 4500
Host: Kimberly Prather

4:00 pm
“Learning on the fly: Innate Immune Recognition and Signaling in Drosophila”

Neal Silverman, Ph.D., Professor, University of Massachusetts Medical School
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Natural Science Building, Room 1205
Host: Steven Wasserman
Contact: Anita Foley, aafoley@ucsd.edu
“Newborn Screening: How Much Data is Too Much?”
Michael Kalichman, Ph.D., Director, Research Ethics Program, UCSD
&
Mark S Pian, M.D., Pediatrics, UCSD
Biomedical Ethics Seminar
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Medical Teaching Facility (MTF) 175
Contact: Mary Devereaux, mdevereaux@ucsd.edu

Thursday, January 17, 2013

11:00 am
“Chemical Tools for the Biological Frontier: (I) Imaging the Glycome and (II) Controlling Instinctive Fear Neural Circuitry”
Scott Laughlin, Postdoctoral Scholar, University of California Berkeley
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Urey Room (UH2102)
Host: Yitzhak Tor

12:00 pm
“Adventures in Viral Immunology: Translating DRiPs”
Jonathan Yewdell, M.D., Ph.D., Laboratory of Viral Diseases, Cellular Biology and Viral Immunology Section, NIH/ NIAID
The Immunology Affinity Group
THE SCRIPPS RESEARCH INSTITUTE
THE COMMITTEE Lecture Hall, TSRI
Contact: Daniella R. Carlson, iag-desk@scripps.edu

2:00 pm
“Artificial Metalloenzymes: Challenges and Opportunities”
Thomas R. Ward, Ph.D., Professor, Chemistry, University of Basel, Switzerland
Chemistry Department Lecture
THE SCRIPPS RESEARCH INSTITUTE
W.M. Keck Foundation Amphitheater, Beckman Chemistry Center
Host: Jin-Quan Yu
Contact: Tanya Gresham, 858-784-2433, gresham@scripps.edu

4:00 pm
The Martin Kamen Lecture: “Single Molecule Fluorescence-force Analysis of Protein Dynamics on Single-stranded DNA”
Dr. Taekjip Ha, University of Illinois at Urbana-Champaign, Howard Hughes Medical Institute
Department of Chemistry & Biochemistry
UNIVERSITY OF CALIFORNIA, SAN DIEGO
NSB1205 Auditorium
Host: Susan Taylor (4-3677)
4:00 pm

“Inflammation and Vascular Injury: Basic Discovery to Drug Development”
Daniel I. Simon, M.D., Chief, Division of Cardiovascular Medicine, Director, Harrington Heart & Vascular Institute, University Hospitals Case Medical Center, Cleveland, OH

The Thirty-First Annual Anna, Leo and Donald Roon Visiting Lectureship
Sponsored by The Roon Research Center for Arteriosclerosis and
THE SCRIPPS RESEARCH INSTITUTE
Valerie Timken Amphitheater, Green Hospital Building
Host: Zaverio M. Ruggeri
Contact: Robert Thompson, 858-784-8195, robertt@scripps.edu

4:00 pm

“Designing Vaccines: Differentiation and Regulation of Follicular Helper CD4 T Cells”
Shane Crotty, Ph.D., La Jolla Institute for Allergy & Immunology (LIAI); Division of Vaccine Discovery, UCSD

CMM/LICR Seminar Series
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Center for Neural Circuits & Behavior (formerly CMG)
Hosts: Stephen Hedrick & Victor Nizet
Contact: Judy Johns, 858-534-9684, jujohns@ucsd.edu

Friday, January 18, 2013

8:00 am

2nd Annual Symposium: “Genetic Mechanisms of Functional Aging, Stress and Immunity”
Various Speakers
Registration closes, January 14 at 5:00pm
SANFORD | BURNHAM MEDICAL RESEARCH INSTITUTE
Building 12 Auditorium
Host: Rolf Bodmer
Contact: Katherine Kling, 858-646-3100 x3611, kkling@sanfordburnham.org

8:30 am

"Novel Therapeutic Approaches for Neuroblastoma-Taking Clues from Neural Crest Development"
Valerie P. Castle, M.D., RCHSD
Grand Rounds 2012-2013
Children's Hospital
RCHSD Medical Office Building Rm 113

11:00 am

“Exploring the Synthesis and Applications of Graphene”
Ric Kaner, Professor, University of California Los Angeles
Inorganic Seminar
UNIVERSITY OF CALIFORNIA, SAN DIEGO
PACH 4500
Host: Akif Tezcan
11:00 am

“Functional Traits as Predictors of species Responses to Environmental Change”
Elsa Cleland, UCSD
Ecology, Behavior and Evolution Seminars
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Muir Biology 1103
Host: Josh Kohn, 858-534-8233, jkohn@ucsd.edu

1:00 pm

“Biological Consequences of Packaging Signals and Asymmetry in ssRNA Viruses”
Peter Stockley, Ph.D., Professor, Astbury Centre for Structural Molecular Biology
University of Leeds, United Kingdom
THE SCRIPPS RESEARCH INSTITUTE
THE COMMITTEE Lecture Hall, TSRI
Host: John E. Johnson

Monday, January 21, 2013

10:30 am

“Understanding and Improving Platinum Anticancer Drugs”
Stephen Lippard, Professor, Massachusetts Institute of Technology
UCSD DDI Seminars
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Leichtag Auditorium (107)
Hosts: Michael Gilson & Dong Wang
Contact: Dong Wang, dongwang@ucsd.edu