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, May 21, 2012**

12:00 pm

**“The Role of the Subventricular Zone (SVZ) Stem and Progenitor Cells in Brain Development and Cancer”**
Yuan Zhu, Ph.D., Associate Professor, Internal Medicine, Cell & Developmental Biology, University of Michigan Medical School

*Cancer Center Seminar*
SANFORD | BURNHAM MEDICAL RESEARCH INSTITUTE
Fishman Auditorium
Host: Robert Wechsler-Reya
Contact: Adrienne Crown, acrown@sanfordburnham.org

12:00 pm

**“How SLAM-Family Cell Surface Receptors and Their Adapters Control T Cell Mediated Systemic Lupus Erythmatosis”**
Cox Terhorst, Ph.D., Professor, Division of Immunology, Medicine, Center for Life Sciences, Harvard Medical School

LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY
Ishizaka Seminar Room
Host: Mitchell Kronenberg
Contact: Jenny Lagos, 858-752-6722

4:00 pm

**“Epigenetic and Transcriptional Variability in Human Pluripotent Stem Cells and their Derivatives”**
Louise Laurent, M.D., Ph.D., Assistant Professor, Reproductive Medicine, University of California, San Diego

*Pathology Research Lecture Series*
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Leichtag Biomedical Building, Room 107
Contact: Sean Hlavac, 858-534-7377, shlavac@ucsd.edu
4:00 pm  “Bioactive Natural Products Fueling Strategy/Methods Development and Cellular Receptor Isolation”
Daniel Romo, Professor, Texas A&M University

**Organic Seminar**
UNIVERSITY OF CALIFORNIA, SAN DIEGO
NSB 1205
Host: Carlos Guerrero

**Tuesday**  May 22, 2012

8:30 am  “PTPN22 and Autoimmunity: An Update”
Nunzio Bottini M.D., Ph.D., Division of Cell Biology, La Jolla Institute for Allergy & Immunology

**The Rheumatology, Allergy and Immunology Seminar (RAIS) Series**
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Leichtag Biomedical Building, Room 107
http://raidivision.ucsd.edu/
Contact: raidivision@ucsd.edu

4:00 pm  “Mechanisms for Face Perception”
Doris Tsao, Caltech

**Neurosciences Seminar Series**
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Center for Neural Circuits & Behavior (formerly CMG)
Host: Adnan Majid, dmajid@ucsd.edu
Contact: Kelly Hermanson, 858-822-2006

4:00 pm  “Resolving the Mechanism of H-bond Switching and Ligand Exchange in Aqueous Ionic Solution”
Kelly Gaffney, Professor, Stanford

**Physical/Analytical Seminar**
UNIVERSITY OF CALIFORNIA, SAN DIEGO
1205 NSB Auditorium
Host: Tim Bertram

**Wednesday**  May 23, 2012

12:00 pm  “Research Misconduct: Why Do Bad Things Happen in Science”
Michael W. Kalichman, Ph.D., Adjunct Professor, Pathology, University of California, San Diego

**Biomedical and Clinical Research Seminar**
UCSD Medical Center
Clinical Teaching Facility (CTF), Building C, Room 301
Hosts: Mitchell Diccianni and Tineke Lauwae
Contact: Gregory Best, 858-246-0027, bbest@ucsd.edu
12:00 pm  “IL-23 Regulation of Adaptive and Innate Immunity”
Daniel J. Cua, Ph.D., Group Leader, Pathway Biology (Formerly DNAX Discovery Research), Merck Research Laboratories
LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY
Ishizaka Seminar Room
Host: Klaus Ley
Contact: Daisy Varbanova, 858-752-6655

4:00 pm  “Confessions of a Slow Learner: Tracking Down Transcriptional Regulation”
Peter Geiduschek, Distinguished Professor Emeritus, Section of Molecular Biology, University of California, San Diego
Profiles in Discovery: Trailblazing Bioscientists
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Natural Sciences Building Large Conference Room
Contact: Molly Knop, 858-534-5635

4:00 pm  “Complex Alkaloid Total Synthesis”
Mohammad Movassaghi, Professor, Department of Chemistry, Massachusetts Institute of Technology
Chemistry Distinguished Lecture Series
THE SCRIPPS RESEARCH INSTITUTE
Timken Amphitheater, Scripps Green Hospital
Host: Chemistry Graduate Students

Thursday May 24, 2012
12:00 pm  “Host Determinants of Viral Persistence”
Elina Zuniga, Ph.D., Assistant Professor, Division of Biological Sciences, University of California, San Diego
THE SCRIPPS RESEARCH INSTITUTE
Skaggs School of Pharm. & Pharm. Sci. Auditorium
Contact: Daniella R. Carlson iag-desk@scripps.edu

3:30 pm  Talk Title to be Announced
Dr. Mark Paetzel, Associate Professor, Michael Smith Foundation for Health, Research Senior Scholar, Molecular Biology and Biochemistry, Simon Fraser University
Structure & Chemistry Affinity Group
THE SCRIPPS RESEARCH INSTITUTE
W.M. Keck Foundation Amphitheater, Beckman Chemistry Center
Host: Floyd Romesberg
4:00 pm
“Growth and Maturation of Pancreatic Beta-cells in Mice and Humans”
Seung K. Kim, M.D., Ph.D., Developmental Biology, Stanford University School of Medicine
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Center for Neural Circuits & Behavior (formerly CMG)
Host: Karl Willert
Contact: Judy Johns, 858-534-9684, jujohns@ucsd.edu

4:00 pm
“Causes and Consequences of Natural Genetic Variation”
Leonid Kruglyak, Investigator, HHMI; Professor, Lewis-Sigler Institute for Integrative Genomics
SALK INSTITUTE FOR BIOLOGICAL STUDIES
Trustees Room
Host: Joanne Chory
Contact: Inger K. Johnson, ikjohnson@salk.edu

Friday  May 25, 2012
11:00 am
“Coordination Polymers: New Tricks for Old Dogs”
Adam Matzger, Professor, University of Michigan
Inorganic Seminar
UNIVERSITY OF CALIFORNIA, SAN DIEGO
4500 Pacific Hall
Host: Seth Cohen

2:00 pm
“The Development of a Short and Efficient Synthesis of a Complex Clinical Candidate”
Martin Eastgate, Ph.D., Bristol-Myers Squibb
Department of Chemistry
THE SCRIPPS RESEARCH INSTITUTE
W.M. Keck Foundation Amphitheater, Beckman Chemistry Center
Host: Phil Baran

2:00 pm
“Silicon Nanowire Based Phototransduction for an Ultra-high Resolution Nanoengineered Retinal Prosthesis”
Massoud Khraiche, Ph.D., Postdoctoral Fellow, Bioengineering
University of California, San Diego
UNIVERSITY OF CALIFORNIA, SAN DIEGO
Powell-Focht Bioengineering Hall, Fung Auditorium
There will be refreshments in the lobby outside the auditorium immediately following the seminar, affording an opportunity to speak personally with the seminar speaker.