



The BMB Weekly Vol. 40, No. 14, April 2-6, 2007

Please send submissions to: Katie Gallagher at galla134@msu.edu or 302B Biochemistry (mailbox on 2nd floor)

Calendar

Monday, April 2

Chemistry - Inorganic Seminar: Fang Sheng, Michigan State University, 11:30 a.m., 136 Chemistry.

Genetics Program Research Forum: Identification of quantitative trait loci and genes affecting skeletal muscle growth and meat quality traits in pigs. Catherine Ernst, Michigan State University, 12:30 p.m., 1425 Biomedical and Physical Sciences.

Plant Research Lab, Plant Biology Seminar: Oxidative signaling in plants: Possible role for methionine oxidation? Steven Huber, University of Illinois, 4:10 p.m., 101 Biochemistry.

Physics and Astronomy Seminar: The role of defects at nanoscale semiconductor interfaces. Yuri Strzhemechny, Texas Christian University, 4:10 p.m., 1400 Biomedical and Physical Sciences.

Tuesday, April 3

Metabolism, Membranes, and Metalloenzymology (3M) Club Meeting: Presentation by Hoon Song, Zeikus/Vieille Lab, 12:00 noon, 1400 Biomedical and Physical Sciences.

Chemistry - Physical Seminar: Mechanism and energetics of helix-helix interactions in membranes. Wonpil Im, University of Kansas, 4:10 p.m., 136 Chemistry.

Microbiology and Molecular Genetics Program Seminar: Using zebrafish to analyze human infectious diseases. Melody Neely, Wayne State University, 4:10 p.m., 1415 Biomedical and Physical Sciences.

Wednesday, April 4

Biochemistry and Molecular Biology Chairperson Candidate Seminar: Reactions of DNA with carcinogens and consequences with DNA polymerases. F. Peter Guengerich, Vanderbilt University School of Medicine, 10:30 a.m., 1400 Biomedical and Physical Sciences.

Chemistry - Organic Seminar: Gunda Georg, University of Minnesota, 3:00 p.m., 136 Chemistry.

Ecology, Evolutionary Biology, and Behavior Program Seminar: Estimation of regional carbon budgets in complex landscapes of the Colorado Rockies and plains. Dennis Ojima, Colorado State University, 3:30 p.m., 247 Plant Biology.

Food Science and Human Nutrition Seminar: Tackling pediatric obesity from the policy and environmental perspective. Alice Ammerman, University of North Carolina, Chapel Hill, 4:00 p.m., 101 Biochemistry.

Thursday, April 5

Biochemistry and Molecular Biology Seminar: Connecting histone modifications with RNA polymerase II transcription. Brian Strahl, University of North Carolina, Chapel Hill, 11:30 a.m., 101 Biochemistry.

Neuroscience Seminar: Animal models of neurological disorders: From A(av) to Z(ebrafish). Marie Claude Senut, Michigan State University, 12:15 p.m., 1425 Biomedical and Physical Sciences.

Statistics and Probability Seminar: Weak convergence of weighted conditional empirical processes of residuals in heteroscedastic time series models. Juan Carlos Escanciano, Indiana University, 4:05 p.m., A405 Wells.

Calendar continued

Friday, April 6

Science at the Edge: Engineering Seminar: Deciphering cell signaling in bacterial biofilms: The role of indole. Thomas Wood, Texas A&M University, 11:30 a.m., 1400 Biomedical and Physical Sciences.

Transcription Journal Club: No meeting this week.

Announcements

TAP Workshop for ITAs: Teaching Across Cultures Workshop: Presented by Kevin Johnston, **Tuesday, April 3, 2007, 5:00-6:30 p.m., International Center Spartan Room C.** This session is designed to reinforce and expand on information about teaching in the United States that was first covered in the ITA Seminar. Participants will revisit the “basics” of effective instruction and explore issues focusing on teaching with technology, classroom management, facilitating discussion, and assessment. They will also have the chance to share their teaching experiences with their peers. Registration is required. To register, please send an email to kmj@msu.edu.

Biochemistry and Molecular Biology Department Banquet:

The Annual Biochemistry & Molecular Biology Department Banquet, honoring Undergraduate Student, Graduate Student, and Faculty awardees, as well as the John A. Boezi Memorial Alumnus, is scheduled for:



Thursday, April 12, at a **new** location, Eagle Eye Golf and Banquet Center, 15500 Chandler Rd., East Lansing
Cocktail Hour: 6 pm, Dinner Buffet at 7 p.m.
Dinner pricing: Undergraduate and Graduate Students - \$5; Academic and Research Staff - \$10; Faculty - \$15.

Please RSVP and make payment to Teresa Vollmer (vollmer@msu.edu, Room 210) by Thursday, March 29th. (If Teresa is unavailable, please see Mary Villarreal in Room 105A.)

Meet Michigan Traveling Seminar (May 9 at 7:00 a.m. through, May 11 at 4:00 p.m.)

Focus on Health, Health Communication, and Health and its Relation to Economic Development

Orientation, April 16, 3:00 – 5:00 p.m. The Graduate School invites MSU doctoral students to apply for the Meet Michigan program scheduled for May 9-11, 2007. This traveling seminar is sponsored and funded by the Office of Faculty Development with support from the Office of Outreach and Engagement and The Graduate School. Spaces will be available for 10 doctoral students with interests that fit the disciplinary focus of this year’s tour. The costs of this trip will be covered by the Graduate School for the selected students. If you have questions regarding the itinerary, speakers or other activities, please contact Allyn Shaw, Coordinator of Leadership Development Program, at 355-5761 or leaders@msu.edu.

COGS Night at Olds Park: Lansing Lugnuts Game, April 19, 2007, 6:05 p.m. Reserved Seat Tickets are \$5. See your COGS department representative, Soledad Quiroz, quirozso@msu.edu, for tickets or email the COGS office at cogs@msu.edu. All ticket proceeds will be donated to the MSU Student Food Bank.

Publications

Irwin R, **LaPres JJ**, Kinser S, McCabe LR. Prolyl-hydroxylase inhibition and HIF activation in osteoblasts promotes an adipocytic phenotype. *J Cell Biochem*. 2007 Feb 15;100(3):762-72.

Burgoon LD, Zacharewski TR. dbZach toxicogenomic information management system. *Pharmacogenomics*. 2007 Mar;8(3):287-91.

Charles GD, Gennings C, Tornesi B, Kan HL, **Zacharewski TR**, Bhaskar Gollapudi B, Carney EW. Analysis of the interaction of phytoestrogens and synthetic chemicals: an in vitro/in vivo comparison. *Toxicol Appl Pharmacol*. 2007 Feb 1;218(3):280-8.

Position Vacancies (copies of notices are in maroon binder in Room 302A)

An **Environmental Analyst position** is available in Biogeochemistry at **The Academy of Natural Sciences' Patrick Center for Environmental Research**. The successful individual will operate and maintain an elemental analyzer coupled to a Delta Plus IRMS for ^{13}C and ^{15}N analyses of dissolved and particulate organic and inorganic materials. Familiarity with other standard analytical techniques (e.g., ion chromatography, gas chromatography, vacuum line extractions, chlorophyll and other water quality analyses, etc.) in fresh and marine waters is highly desirable. Expect field sampling in terrestrial and aquatic environments. Qualifications should include an M.S. or a B.S. with relevant work experience, in ecology, oceanography, biology, chemistry, geology, or closely related discipline, with strong laboratory skills in biogeochemical methodology, isotope biogeochemistry preferred. For more information, please visit <http://www.ansp.org/research/pcer/programs/biogeochemistry.php>. **Application deadline is June 1, 2007 or when filled.**

Quote for the Week

I am more and more convinced that our happiness or unhappiness depends more on the way we meet the events of life than on the nature of those events themselves. – *Alexander Humboldt*
