



## The BMB Weekly Vol. 40, No. 8, February 19-23, 2007

Please send submissions to: Katie Gallagher at [galla134@msu.edu](mailto:galla134@msu.edu) or 302B Biochemistry (mailbox on 2<sup>nd</sup> floor)

### Calendar

#### Monday, February 19

**Horticulture, Crop and Soil Science, Entomology, and Plant Pathology Organic Pest Management Position Seminar:** How can we farm with nature? Insights from the origins of insect pests. Yolanda Chen, International Rice Research Institute, 10:00 a.m., 162 Food Safety and Toxicology.

**Genetics Program Forum Seminar:** Andy Amalfitano, 12:30 p.m., 1425 Biomedical and Physical Sciences.

**Entomology Seminar:** Epidemiology of almond leaf scorch disease: Factors affecting pathogen distribution and movement. Russell Groves, University of Wisconsin-Madison, 4:00 p.m., 244 Natural Science.

**Plant Research Laboratory and Plant Biology Seminar:** Role of mitochondrial alternative oxidase in plant cell metabolism and physiology. Greg Vanlerberghe, University of Toronto, Canada, 4:10 p.m., 101 Biochemistry.

#### Tuesday, February 20

**Metabolism, Membranes, and Metalloenzymology (3M) Club Meeting:** Presentation by Michael Garavito, Garavito Lab, 12:00 noon, 1400 Biomedical and Physical Sciences.

**Shell Oil and Geological Sciences Seminar:** Impacts of changing land use and land cover on subsurface water resources. Bridget Scanion, University of Texas, Austin, 4:00 p.m., 204 Natural Science.

**Chemistry Seminar:** Implicit solvent models. Maryam Sayadi, Michigan State University, 4:10 p.m., 136 Chemistry.

**Microbiology and Molecular Genetics and Physiology Seminar:** Cross-talk between estrogen receptor and growth factor pathways as a molecular target for overcoming endocrine resistance. Kaladhar Reddy, Wayne State University, 4:10 p.m., 1415 Biomedical and Physical Sciences.

#### Wednesday, February 21

**Pharmacology and Toxicology Seminar:** Acid secretion and cellular homeostasis in the stomach. Linda Samuelson, University of Michigan, 12:00 noon, B448-49 Life Sciences.

**Chemistry Seminar:** Polyketide-based affinity labels for combinatorial biosynthesis. Robert Fecik, University of Minnesota, 3:00 p.m., 136 Chemistry.

**Ecology, Evolutionary Biology and Behavior Program Seminar:** Mutation and fitness: Lessons from the wilds of Chernobyl. Timothy Mousseau, University of South Carolina, 3:30 p.m., 247 Plant Biology.

#### Thursday, February 22

**Biochemistry and Molecular Biology Seminar:** Mechanism and biology of small regulatory RNAs. Richard Carthew, Northwestern University, 11:30 a.m., 101 Biochemistry.

**Neuroscience Seminar:** Protein accumulation and neurodegenerative disease: The altered metabolism of polyglutamine-expanded androgen receptor in spinal and bulbar muscular atrophy. Diane Merry, Thomas Jefferson University, 12:15 p.m., 1425 Biomedical and Physical Sciences.

## Calendar continued

Friday, February 23

**Science at the Edge:** Quantitative Biology and Modeling Seminar: Understanding ecological communities through spatial models. Claudia Neuhauser, University of Minnesota, 11:30 a.m., 1400 Biomedical and Physical Sciences.

**Transcription Journal Club:** Presentation by **Zach Burton**, 12:00 noon, 502 Biochemistry.

## Announcements

**Talking about Teaching in the Interview Workshop:** Presented by Kevin Johnston, Director, MSU TA Programs, **Monday, February 19, 2007, 5:00-6:30 p.m., Spartan Room C, International Center.** What is your teaching philosophy? How do you assess your students' performances? Have you ever conducted formative evaluation or an SGID? What is the difference between collaborative and cooperative learning? Can you answer these questions? When should you expect to answer them in an interview? What other concerns about representing your teaching should you have when out on the job market? Explore in this workshop many of the ways you could be confronted with these issues during your job search and talk about ways that you can effectively negotiate these conversations, put your best teaching foot forward, and out-distance peers who show up to their interviews unprepared to engage in meaningful dialogue about teaching. You will be provided with resources to help you negotiate your own searches and get you started piecing together your teaching portfolio, which should represent your teaching life in a variety of ways. A light dinner will be provided. **Registration is required.** To register, please send an e-mail to Kevin Johnston at [kmj@msu.edu](mailto:kmj@msu.edu).

## Publications

Lee K, Roth RA, **Lapres JJ**. Hypoxia, drug therapy and toxicity. Pharmacol Ther. 2007 Feb;113(2):229-46.

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.

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.

## Spotlight



**Li Li**, Graduate Assistant, is a second year graduate student. She is currently researching the transcription repression mechanism of the repressor Hairy, through a synthetic transcriptional switch system in *Drosophila* in David Arnosti's lab.

Li comes from a beautiful city called Nanning, in the south of People's Republic of China. The weather is much warmer there, they NEVER see any snow. Outside of school, Li enjoys traveling. She hopes to travel Europe and Africa in the future.

## Quote for the Week

Enjoy your own life without comparing it with that of another. – *Marquis de Condorcet*

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