



Please send submissions to Steve Lundback, [lundback@msu.edu](mailto:lundback@msu.edu), 212 Biochemistry (Mailbox on 2<sup>nd</sup> Floor)

## Seminar Calendar

### WEDNESDAY, MAY 2

#### **3M Interest Group**

Cecilia Martinez-Gomez, Michigan State University

*"Uncovering Rare Earth Elements Biochemistry: From Enzymes to Ecosystems"*

4:00 PM, Room 1455-A BPS (iCER)

#### **Pharm Tox Seminar**

Karin List, Wayne State University

*"Dissecting the role of cell surface serine proteases in carcinoma progression in vivo"*

12:00 PM, Room B448 Life Sciences Building

## Announcements

Checkout the [Grad/Postdoc News](#) page on the BMB website for the latest events and opportunities.

#### **Genetics Graduate Program Mini-Symposium**

*"Genetics Applications for Improving Food Security"* is the title for this mini-symposium happening Tuesday, May 8, from 8:00 AM to 5:30 PM in room 1200, MPS.

#### **Cancer Biology Symposium**

Thursday, May 24, 9:00 AM – 4:30 PM, room 1415 BP. Register by May 8.

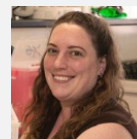
#### **Volunteers Needed - Fascination of Plants Day**

The second edition of Fascination of Plants Day will be held on Saturday, May 19th, 2018. Contact Aparajita Banerjee ([banerj12@msu.edu](mailto:banerj12@msu.edu)) to volunteer.

#### **Tenure track group leader position in plant cell biology, Umea, Sweden**

Umeå Plant Science Centre intends to recruit a new Group Leader. Applicants should have interest in developing projects in the area of plant cell wall biology. Funding is at first for a five-year period, with the option of continued employment after external evaluation. Deadline for applications is 7/31/2018.

## Noteworthy News



Kristin Parent was named a James K. Billman, Jr. Endowed Research Professor at the 36<sup>th</sup> annual BMB awards ceremony! You can see this and other award presentations at our [department Flickr site](#).



Welcome Samuel Royal Lunt! Samuel came into this world on April 25<sup>th</sup> at 1:35 PM at 6 lbs, 19.5 in. The Lunt family is doing well!

**SPARTANS WILL.**

## Recent Publications

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For most publications from BMB labs during the past year, see [Recent Publications](#) on the BMB website.

Dutagaci B, Heo L, Feig M. "Structure Refinement of Membrane Proteins via Molecular Dynamics Simulations." *Proteins*. (2018) Apr 20. doi: [10.1002/prot.25508](https://doi.org/10.1002/prot.25508)

Frum T, Ralston A. "AttrActin' Attention to Early Mouse Development." *Cell*. (2018) Apr 19;173(3):544-545. doi: [10.1016/j.cell.2018.03.078](https://doi.org/10.1016/j.cell.2018.03.078)

Wang K, Guo Q, Froehlich JE, Hersh HL, Zienkiewicz A, Howe GA, Benning C. "Two Abscisic Acid Responsive Plastid Lipase Genes Involved in Jasmonic Acid Biosynthesis in *Arabidopsis thaliana*." *Plant Cell*. (2018) Apr 17. doi: [10.1105/tpc.18.00250](https://doi.org/10.1105/tpc.18.00250)

Fader KA, Nault R, Raehtz S, McCabe LR, Zacharewski TR. "2,3,7,8-Tetrachlorodibenzo-p-dioxin dose-dependently increases bone mass and decreases marrow adiposity in juvenile mice." *Toxicol Appl Pharmacol*. (2018) Apr 16. doi: [10.1016/j.taap.2018.04.013](https://doi.org/10.1016/j.taap.2018.04.013)

Duhl KL, Tefft NM, TerAvest MA. "*Shewanella oneidensis* MR-1 utilizes both sodium- and proton-pumping NADH dehydrogenases during aerobic growth." *Appl Environ Microbiol*. (2018) Apr 13. doi: [10.1128/AEM.00415-18](https://doi.org/10.1128/AEM.00415-18)

Schwarz EM, Tietz S, Froehlich JE. "Photosystem I-LHCII megacomplexes respond to high light and aging in plants." *Photosynth Res*. (2018) Apr;136(1):107-124. doi: [10.1007/s11120-017-0447-y](https://doi.org/10.1007/s11120-017-0447-y)