



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

## Seminar Calendar

### MONDAY, APRIL 23

#### [PRL Seminar](#)

No seminar this week

### TUESDAY, APRIL 24

#### [MMG Seminar](#)

No seminar this week

### WEDNESDAY, APRIL 25

#### [3M Interest Group](#)

No seminar this week

### THURSDAY, APRIL 26

#### [BMB Colloquium](#)

Heedeok Hong, Michigan State University

*"Folding and Degradation of Membrane Proteins"*

11:00 AM, Room 101 Biochemistry

### FRIDAY, APRIL 27

#### [SATE Seminar](#)

Karen Guillemin, University of Oregon

*"Molecular Dialogues with the Microbiota: Insights from the Zebrafish Intestine"*

11:30 AM, Room 1400 BPS

## Announcements

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

### [MSU SACNAS Spring Research Symposium](#)

An opportunity to give a 10-minute presentation on STEM research. Prizes will be given to top three presentations. Topics are due April 13th. RSVPs accepted until April 23rd. Event held April 27th from 10 AM to 1 PM.

### [University Graduate Certification in College Teaching Institute](#)

A two-day course leading to a certification is being offered to doctoral students and postdocs. The course will be held May 10 – 11 at the MSU Union Ballroom. Registration is required.

### [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.

## Noteworthy News

### **BMB Students and Alumni Selected for NSF Graduate Research Fellowship Program**

- Bryan Lakey
- Jessica Mizzi
- Nathan Murray
- Aiko Turmo

### **First place in UURAF poster presentation:**

Eli Falk (Ralston Lab), *"Validation of FGF-independent cell fate markers of the primitive endoderm lineage"*

**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.

Xu H, Lybrand D, Bennewitz S, Tissier A, Last RL, Pichersky E. “Production of trans-chrysanthemetic acid, the monoterpene acid moiety of natural pyrethrin insecticides, in tomato fruit.” *Metab Eng.* (2018) Apr 9. doi: [10.1016/j.ymben.2018.04.004](https://doi.org/10.1016/j.ymben.2018.04.004)

Wu K, Zhao Z, Wang R, Wei GW. “TopP-S: Persistent homology-based multi-task deep neural networks for simultaneous predictions of partition coefficient and aqueous solubility.” *J Comput Chem.* (2018) Apr 6. doi: [10.1002/jcc.25213](https://doi.org/10.1002/jcc.25213)

Hiser C, Liu J, Ferguson-Miller S. “The K-path entrance in cytochrome c oxidase is defined by mutation of E101 and controlled by an adjacent ligand binding domain.” *Biochim Biophys Acta.* (2018) Apr 4. doi: [10.1016/j.bbabi.2018.03.017](https://doi.org/10.1016/j.bbabi.2018.03.017)