



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, MARCH 4

#### [Molecular Plant Science Seminar](#)

No seminar

### TUESDAY, MARCH 5

#### [The Exchange](#)

No seminar

#### [MMG Seminar](#)

Katy Forest, University of Wisconsin-Madison

"Chemical Biology of a Novel Fresh Water Photoheterotrophy"

4:10 PM, Room 1415 BPS

### WEDNESDAY, MARCH 6

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

No seminar

### THURSDAY, MARCH 7

#### [BMB Colloquium](#)

No seminar

11:00 AM, Room 101 Biochemistry

#### [EEBB Seminar](#)

No seminar

### FRIDAY, MARCH 8

#### [Science at the Edge](#)

No seminar

## Announcements

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

### [Graduate Student Workshops and Events](#)

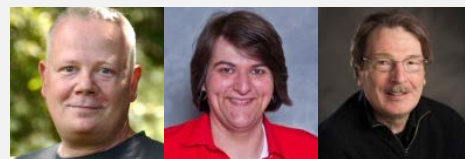
#### [Graduate Student Support Group](#)

A graduate student support group is meeting each Friday from 9-10 AM at Olin Health Center. Sessions are led by group leaders, and topics revolve around the challenges faced by graduate students.

#### [NatSci College Climate Survey](#)

Students, faculty and staff will receive an invitation by email to participate in a survey administered by the College of Natural Science. The purpose of the survey is to assess diversity and inclusion in NatSci. A report will be made available this summer. Please participate!

## Noteworthy News



BMB scientists have developed synthetic biology tools to co-produce high-value compounds in plants. Terpenoids form the largest class of natural products in plants and have been used by humans for thousands of years. Modern applications for terpenoids range wide, from pharmaceuticals, fragrances, nutraceuticals and biopesticides, to chemical feedstocks. Radin Sadre is the lead author of the study conceived by Christoph Benning and Bjoern Hamberger. The study is published in the journal [Nature Communications](#). *The full MSU Today story can be found [here](#).*

**SPARTANS WILL.**

### [Volunteers Needed for Fascination of Plants Day](#)

The third edition of Fascination of Plants Day at Michigan State University (FoPD@MSU) will be held on Saturday, May 18th from 11 am to 4 pm. This year's event will take place in collaboration with both the MSU Broad Museum and the East Lansing Arts Festival. We seek enthusiastic plant scientists (undergrads, grad students, post-docs and faculty) to help us share our fascination of plants and participate in multiple capacities.

### [Evolution and Core Processes in Gene Expression](#)

We are delighted to invite you to the ASBMB Special Symposium on Evolution and Core Processes in Gene expression, to be held here at MSU May 9 - 12, 2019. We have a great group of distinguished speakers, including Mike Eisen from UC Berkeley (developmental gene expression in the embryo), Greg Wray from Duke (evo/devo), Audrey Gasch from UW Madison (gene networks), Chris Rushlow from NYU (pioneer transcription factors), and Phil Benfey from Duke (root gene networks). Early registration rates before March 14th, ASBMB members receive a discount!

### [Post-doctoral Positions, Wayne State University](#)

Two post-doctoral positions are available in the research groups led by Francesca Luca and Roger Pique-Regi, at the Center for Molecular Medicine and Genetics, Wayne State University, Detroit, MI. The research focus of the groups is on genetics and genomics of gene regulation. The ultimate aim is to learn about the genetic basis of disease susceptibility and response to treatment. Apply by March 5th.

## **Recent Publications**

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

Sadre R, Kuo P, Chen J, Yang Y, Banerjee A, Benning C, Hamberger B. "Cytosolic lipid droplets as engineered organelles for production and accumulation of terpenoid biomaterials in leaves." *Nat Commun.* (2019) Feb 20;10(1):853. doi: [10.1038/s41467-019-08515-4](https://doi.org/10.1038/s41467-019-08515-4)

Jones MA, Morohashi K, Grotewold E, Harmer SL. "Arabidopsis JMJD5/JMJ30 Acts Independently of LUX ARRHYTHMO Within the Plant Circadian Clock to Enable Temperature Compensation." *Front Plant Sci.* (2019) Feb 1;10:57. doi: [10.3389/fpls.2019.00057](https://doi.org/10.3389/fpls.2019.00057)