



## Seminar Calendar

### MONDAY, MARCH 11

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

Olga Zabolina, Iowa State University

*"Elucidation of the xyloglycan-synthesizing multiprotein complexes in Golgi and how they can determine the polysaccharide native patterns"*

4:10 PM, Room 101 Biochemistry

### TUESDAY, MARCH 12

#### [The Exchange](#)

Journal Club – Prof. Wolfgang Busch, Salk Institute

8:00 AM, Room 208 Biochemistry

#### [MMG Seminar](#)

Rita Tamayo, University of North Carolina

*"The intersection of phase variation and c-di-GMP signaling in Clostridium difficile"*

4:10 PM, Room 1415 BPS

### WEDNESDAY, MARCH 13

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

Heedeok Hong, Hong Lab

*"The role of cavities in the stability and function of membrane proteins"*

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

### THURSDAY, MARCH 14

#### [BMB Colloquium](#)

Wolfgang Busch, Salk Institute

*"Digging Deeper: Uncovering Genetic Variants and Their Mechanisms That Govern Root Growth"*

11:00 AM, Room 101 Biochemistry

#### [EEBB Seminar](#)

Christine Drea, Duke University

*"The evolution of cooperative breeding: Mechanisms and tradeoffs in the meerkat"*

3:30 PM, Room 1420 BPS

### FRIDAY, MARCH 15

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

Rahul Satija, New York University

*"Comprehensive Integration of Single Cell Data"*

11:30 AM, Room 1400 BPS

## Noteworthy News



Graduate student Jennifer Watts, who works in the Ralston Lab in BMB, traveled to Washington DC with other MSU graduate students and the Alliance for Graduate Education and Professoriate (AGEP) to speak with members of congress about STEM research on Feb 22, 2019.

**SPARTANS WILL.**

## Announcements

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

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

#### [It's On Us to Support Survivors: A Workshop for Graduate Students at MSU](#)

COGS will host a workshop where presenters will discuss how to be supportive to an individual who is a survivor of sexual assault or relationship violence. The workshop takes place at Erickson Hall, Room 128, on Friday April 5th. Registration required.

#### [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!

#### [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.

Thompson R, Casali C, Chan C. “Forskolin and IBMX Induce Neural Transdifferentiation of MSCs Through Downregulation of the NRSF.” *Sci Rep.* (2019) Feb 27;9(1):2969. doi: [10.1038/s41598-019-39544-0](https://doi.org/10.1038/s41598-019-39544-0)

Bai N, Roder H, Dickson A, Karanicolas J. “Isothermal Analysis of ThermoFluor Data can readily provide Quantitative Binding Affinities.” *Sci Rep.* (2019) Feb 25;9(1):2650. doi: [10.1038/s41598-018-37072-x](https://doi.org/10.1038/s41598-018-37072-x)

Warakanont J, Li-Beisson Y, Benning C. “LIP4 Is Involved in Triacylglycerol Degradation in *Chlamydomonas reinhardtii*.” *Plant Cell Physiol.* (2019) Feb 22;. doi: [10.1093/pcp/pcz037](https://doi.org/10.1093/pcp/pcz037)