



## Seminar Calendar

### MONDAY, OCTOBER 12

#### [Microbiology & Molecular Genetics Work in Progress Seminars](#)

Ritam Sinha (DiRita lab) “The Role of Lactate Metabolism in *C. jejuni* Virulence”

Noon

[Zoom link](#). Email Rob ([abramov5@msu.edu](mailto:abramov5@msu.edu)) for the password

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

Christoph Benning, MSU

“PRL Director Seminar - The PRL at 55 years: What comes next?”

4:00

[Zoom link](#) (passcode 941910)

### TUESDAY, OCTOBER 13

[The Exchange](#) – (Science discussion for BMB graduate students)

“Journal Club on Dr. Ute Armbruster (Max Planck Institute, Potsdam)”

8:00 AM

Email David ([arnosti@msu.edu](mailto:arnosti@msu.edu)) for the Zoom link and password

#### [PRL Tuesday Noon Seminars](#)

PRL Town Hall

Yang-Tsung Lin (Benning lab)

“Mis-regulation of the transcriptome in a *Chlamydomonas* mutant during cell division cycle and nitrogen-starvation induced quiescence”

Noon

[Zoom link](#) (passcode 941910)

### THURSDAY, OCTOBER 15

#### [BMB Seminar Series](#)

Ute Armbruster, Max Planck Institute

“Feedback regulation of photosynthesis by thylakoid proton antiport”

11:00 AM

Email Ashley ([clarkas@msu.edu](mailto:clarkas@msu.edu)) for the Zoom link

### FRIDAY, OCTOBER 16

#### [Plant Biology Seminar Series](#)

Timothy Porch, USDA

3:30 PM

Email Chasidy ([perezch2@msu.edu](mailto:perezch2@msu.edu)) for the Zoom link

## Noteworthy News

### BMB Undergraduate Awards

Biochemistry undergraduate students are encouraged to click [here](#) for details and application forms for various award opportunities offered through the department.

There are four self-nominated awards this year in addition to one faculty-nominated award.

The deadline for submission is Friday, October 30th at 5pm. After that time the online applications will close.

Please contact Kristin Parent ([kparent@msu.edu](mailto:kparent@msu.edu)) or Mary Villarreal ([villar30@msu.edu](mailto:villar30@msu.edu)) if you have questions.

BMB students are highly encouraged to consider these awards because of the limited field of applicants.

**SPARTANS WILL.**

## Announcements

---

Rance Nault, a post-doc in Tim Zacharewski's lab, is applying to be promoted to a Fix-Term Research Assistant Professor and will be giving a special seminar "Application of single nuclei transcriptomics to assess the hepatic effects of Dioxin" on Wednesday, October 14th at 2:00pm. Email Jeff ([masonje6@msu.edu](mailto:masonje6@msu.edu)) for the Zoom link.

MSU's [Parent Resource Center](#) has a wealth of information for family members who want to play an active, supporting role in the education of their student(s).

Virtual Lunch and Learn & Best Practices in Teaching  
Wednesday, October 21, 2020 - 12:00pm to 1:00pm

Graduate Teaching Assistants share their knowledge about teaching, teaching and technology tools as well as discuss research of teaching, book chapters relevant to work in an instructional setting. Anyone interested in these topics can join these meetings.

[Register here](#)

Frederica Brandizzi has **two open postdoc positions**. Both use multidisciplinary approaches, including proteomics, biochemistry, cellular and molecular biology, genomics and advanced live-cell imaging.

The first position focuses on the structure of the plant endoplasmic reticulum (ER). The research will dissect the function of novel proteins involved in the establishment and maintenance of the plant ER network.

The second focuses on the biology of the ER. The research will identify and characterize proteins necessary for the functional homeostasis of the ER, particularly in the unfolded protein response (UPR).

Email Frederica ([fb@msu.edu](mailto:fb@msu.edu)) or Igor ([houwatig@msu.edu](mailto:houwatig@msu.edu)) for more information.

Molecular biology students and faculty are invited to a **virtual symposium on nanotechnology**, hosted by Northwestern University and the International Institute for Nanotechnology (IIN) on Oct. 29 from 10-3 (CT).

This symposium is designed for students and faculty who are interested in groundbreaking scientific discoveries and interdisciplinary research in areas including biomedicine, chemistry, materials science, renewable energy, molecular electronics, and more. There is no charge to attend. [Click here to register.](#)

The next MSU AGEP (Alliance for Graduate Education and Professoriate) meeting will be discussing COVID-19 Vaccine and trials. [Click here to register.](#)

## Recent Publications

---

Jarmusch AK, Wang M, [...] Quinn R, [...] Dorrestein PC. "ReDU: a framework to find and reanalyze public mass spectrometry data." *Nature Methods*. Volume 17. August 2020.

Louis-Félix Nothias, Daniel Petras, [...] Quinn R, [...] Dorrestein PC. "Feature-based molecular networking in the GNPS analysis environment." *Nature Methods*. Volume 17. August 2020.