



Seminar Calendar

Monday, November 29

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

Morgen Clark (Reguera lab) “Characterization of outer membrane vesicles in *Geobacter bacteria*”

Sean Thomas (Olive lab) “Forward genetic screens in an alveolar macrophage-like cell model pave the way for dissection of lung-specific immune responses”

Noon

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

[Molecular Plant Science Seminars](#)

Yong-qiang Charles An, USDA-ARS Plant Genetics Research Unit at Donald Danforth Plant Science Center
“Soybean Seed Quality Improvement in the Postgenomic Era”

4:00 PM

[Zoom link](#) (Passcode: 862930)

Tuesday, November 30

The Exchange – (Science discussion for BMB graduate students)

“Journal Club: Jose Alonso, North Carolina State University - Translational regulation”

8:00 AM

Email David (arnosti@msu.edu) for the Zoom link and password

[Microbiology & Molecular Genetics Seminars](#)

Dr. Joshua Blodgett, Washington University - St Louis

3:10 PM

[Zoom link](#)

Email MMG.Seminars@campusad.msu.edu for the password

Thursday, December 2

[BMB Seminar Series](#)

Jose Alonso, North Carolina State University

“Translational regulation in plant hormone signaling”

11:00 AM

Email Ashley (clarkas@msu.edu) for the Zoom link

[EEB Seminar Series](#)

Katrina Dlugosch, University of Arizona

“Ecological genomics of plant invasions”

3:30 PM

Email Barbara (eeb@msu.edu) for the Zoom link

Announcements

Megan Gruenberg (committee members TerAvest, Vieille, Hausinger, Ducat and Hamberger) will be presenting her Preliminary Exam titled “Design of Two Biocatalysts for Microbial Electrosynthesis from C1 Compounds and Clean Electricity” Monday, November 29, 2021 at 3:00 pm. Email Jessica (jesslaw@msu.edu) for the Zoom link and password.

The 2021 PBGB-Corteva Plant Sciences Symposia Series: Orphan Crop Breeding for Sustainable Food Options will be held **virtually** December 9th and 10th. Click [here](#) for more information and registration. There will be poster presentations, lightning talks, and roundtable discussions. Additional information about presenting can be found [here](#).

Recent Publications

Alherech M, Omolabake S, Holland CM, Klinger GE, Hegg EL, Stahl SS. “From lignin to valuable aromatic chemicals: Lignin depolymerization and monomer separation via centrifugal partition chromatography.” *ACS Central Science*. October 2021.

Fling RR, Zacharewski TR. “Aryl hydrocarbon receptor (Ahr) activation by 2,3,7,8-tetrachlorodibenzo-p-dioxin (tcdd) dose-dependently shifts the gut microbiome consistent with the progression of non-alcoholic fatty liver disease.” *International Journal of Molecular Sciences*. November 2021.