



Please send submissions to Steve Lundback, lundback@msu.edu, 212 Biochemistry (Mailbox on 2nd Floor)

Seminar Calendar

THURSDAY, AUGUST 29

BMB Colloquium

Marcos Sotomayor, Ohio State University

“Structuring and Modeling Inner-Ear Mechanotransduction”

11:00 AM, Room 101 Biochemistry

Announcements

Save the Date: Thermo Metabolomics Seminar Series

“Harness the Power of Metabolomics”

Tuesday, September 10

Room 208 Biochemistry (8:30 am-3:30 pm).

Registration details will follow soon.

GNPS Metabolomics Workshop, MSU

Dr. Robert Quinn (BMB) will be hosting a metabolomics workshop this September 11th. This workshop is designed to teach analysis of mass spectrometry data (with a focus on untargeted metabolomics) with new bioinformatic tools that can translate this highly technical data into biologically relevant information. GNPS is a new database and data analysis server for tandem (MS/MS) mass spec data analysis. With GNPS you can visualize your metabolomics data in novel ways that enable identification of known compounds, determining the structure of unknowns, and with statistical tools that are designed to identify biological patterns in the overall data. Contact Rob Quinn by August 30th if you are interested in attending. The location will be determined by the number of respondents.

Molecular Biophysics Symposium in Honor of the Grand Opening of the MSU Cryo-EM Core Facility

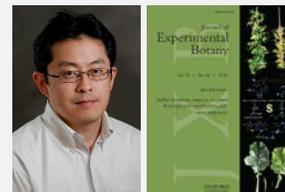
Friday October 4th and Saturday October 5th, 2019.

To inaugurate the new Cryo-EM facility at Michigan State, we are hosting a symposium to highlight cutting edge research in molecular biophysics. We will feature invited talks, student posters and a tour of the new cryo-EM facility. Registration is free but required.

Postdoc positions, University of North Texas

There are 2 PostDoc Positions available in the BioDiscovery Institute at the University of North Texas in the Alonso Lab. These postdocs will study the function of candidate genes involved in lipid storage and stability in pennycress, a promising alternative source of aviation fuel. This is part of a new interdisciplinary project funded by the Department of Energy for 3 years. If you are interested, contact me. Please share... Keywords: Lipidomics, Plant Biochemistry, Seed Metabolism, 13C-Labeling, Fluxomics, Mass Spectrometry. Contact [Ana Alonso](mailto:Ana.Alonso@unt.edu).

Noteworthy News



BMB Professor Hideki Takahashi and his colleague, Stanislav Kopriva of the University of Cologne, organized a special issue on plant sulfur nutrition for the *Journal of Experimental Botany* (Volume 70, Issue 16). Many of the articles are from contributors to the 11th International Plant Sulfur Workshop, which was held in Conegliano, Italy. Sulfur is a secondary plant macronutrient that plays diverse roles owing to its wide range of oxidation states. You can see all of the articles in this issue [here](#).

SPARTANS WILL.

[Assistant/Associate Professor of Plant Synthetic Biology, Cornell University](#)

The School of Integrative Plant Science at Cornell University invites applications for a tenure track position at the Assistant or Associate Professor level in Plant Synthetic Biology. The expected affiliation for the position will be the SIPS Section of Plant Biology on the Ithaca campus. The position will have a 60% research and 40% teaching responsibility. The successful candidate will teach in the areas of comparative physiology, plant hormone biology, stress response, chemistry of plants, and/or plant genetic engineering using synthetic biology tools. Initial screening of applications will begin on October 21, 2019 and continue until the position is filled.

[Assistant Professor position, University of Washington in St. Louis](#)

The Biology Department at Washington University is conducting a search to fill an open rank tenure track faculty position in Molecular, Cellular, & Developmental Biology at the Assistant Professor level. We are particularly interested in candidates who employ innovative approaches to conduct research in biochemical systems, plant science, developmental controls, and/or genome biology, but all exceptionally qualified individuals are invited to apply. Applications will be accepted immediately and application review will begin October 15, 2019.