



Announcements

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

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

Registration closes Sunday, May 5th at midnight. 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).

[Genetics Mini-Symposium – May 7, 8:00 AM – 5:30 PM, MPS](#)

The MSU Genetics Program is hosting an annual mini-symposium entitled “Epigenetic Stress Memory”. This symposium addresses stress-response mechanisms in humans, animals and plants. The symposium will be held on Tuesday, May 7th, 8:00am-5:30pm in the Molecular Plant Sciences Building. A poster session will be held from 2:45pm-3:30pm. Program and registration information is available [here](#).

[Fascination of Plants Day](#)

Michigan State University hosts the third annual Fascination of Plants Day @ MSU. This year, plant sciences meet the arts in a collaboration between MSU plant scientists, the Eli and Edythe Broad Art Museum at Michigan State University (MSU Broad), and the East Lansing Art Festival. May 18, 11 AM – 6 PM, Broad Art Lab and Children's Art Activity Area at the East Lansing Art Festival.

[Advanced Molecular Imaging Course](#)

An advanced molecular imaging course targeted toward senior graduate students, postdoctoral researchers, and young faculty who are interested in advancing their knowledge to become leaders in the field. Individuals who have a fundamental understanding of biology, chemistry, and physics will get the most from this intensive course. Join us on the beaches of Holland, MI from July 24th – 27th 2019 at Hope College! Register [here](#).

[BMB Picnics](#)

BMB monthly noon picnics will resume on May 23rd at the courtyard behind the Biochemistry building.

Noteworthy News



BMB undergraduate student Expery Omollo received the Dan Bolin Undergraduate Student Award at the College of Natural Science [awards ceremony](#) on April 26th. Expery also received a BMB Undergraduate Research Fellowship at our [department awards ceremony](#) on April 15th. Congratulations Expery!

SPARTANS WILL.

Recent Publications

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

Fader KA, Nault R, Doskey CM, Fling RR, Zacharewski TR. “2,3,7,8-Tetrachlorodibenzo-p-dioxin abolishes circadian regulation of hepatic metabolic activity in mice.” *Sci Rep.* (2019) Apr 24;9(1):6514. doi: [10.1038/s41598-019-42760-3](https://doi.org/10.1038/s41598-019-42760-3)

Soltani A, Weraduwege SM, Sharkey TD, Lowry DB. “Elevated temperatures cause loss of seed set in common bean (*Phaseolus vulgaris* L.) potentially through the disruption of source-sink relationships.” *BMC Genomics.* (2019) Apr 24;20(1):312. doi: [10.1186/s12864-019-5669-2](https://doi.org/10.1186/s12864-019-5669-2)

Yang Y, Gunasekara M, Muhammednazaar S, Li Z, Hong H. “Proteolysis mediated by the membrane-integrated ATP-dependent protease FtsH has a unique nonlinear dependence on ATP hydrolysis rates.” *Protein Sci.* (2019) Apr 22;. doi: [10.1002/pro.3629](https://doi.org/10.1002/pro.3629)

Chen J, Kuhn LA. “Deciphering the three-domain architecture in schlafens and the structures and roles of human schlafen12 and serpinB12 in transcriptional regulation.” *J Mol Graph Model.* (2019) Apr 9;90:59-76. doi: [10.1016/j.jmglm.2019.04.003](https://doi.org/10.1016/j.jmglm.2019.04.003)