



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

Seminar Calendar

MONDAY, OCTOBER 14

[MPS Seminar](#)

Kende Award Seminar

The award recognizes the best doctoral dissertation in the plant sciences at MSU from the previous two years.

4:10 PM, Room 1200 MPS

TUESDAY, OCTOBER 15

[The Exchange](#)

Responsible conduct of research - bioethics

8:00 AM, Room 208 Biochemistry

THURSDAY, OCTOBER 17

[BMB Colloquium](#)

Jie Xiao, Johns Hopkins University

"Gene regulation at the single molecule level"

11:00 AM, Room 101 Biochemistry

[EEBB Seminar](#)

Johanna Kowalko, Florida Atlantic University

"Uncovering the genetic basis of trait evolution in the cavefish *Astyanax mexicanus*"

3:30 PM, 1420 BPS

FRIDAY, OCTOBER 18

[Science at the Edge](#)

Albert Migliori, Los Alamos National Laboratory

"Resonant Ultrasound Spectroscopy An Odyssey in Measurement Science"

11:30 AM, Room 1400 BPS

Announcements

[Assistant/Associate Professor of Biochemistry, University of Kansas](#)

The Department of Molecular Biosciences at the University of Kansas invites applications for a faculty position as a tenure-track assistant professor or associate professor using biochemical or chemical biology approaches to investigate the molecular mechanisms of cancer. Review of applications will begin on November 1, 2019.

[Assistant/Associate Professor of Biochemistry, Case Western Reserve University](#)

Case Western Reserve University, Department of Biochemistry is seeking a highly qualified candidate to fill a full-time faculty position at a rank commensurate with experience and expertise. This is a non-tenure-track position, and the majority of time will be spent on teaching duties to support the education mission of the Department. Review of applications will begin on November 1, 2019.

[Assistant/Associate Professor of BioSynthetic Organic Chemistry, University of North Texas](#)

The Department of Chemistry at the University of North Texas (UNT), Denton, TX, invites applications from outstanding scientists for a tenure-track position in organic chemistry with membership in the BioDiscovery Institute (BDI). An appointment at the Assistant Professor level is expected; however, candidates at higher ranks may also be considered. We are seeking an individual working in the general area of synthetic chemistry of biologically relevant organic compounds. Screening of applications will begin on November 1st, 2019.

[Preclinical R&D, Development Scientist / Manager, Millendo Therapeutics](#)

This position will be part of the Preclinical Research and Development (PR&D) organization and lead operational aspects of the group including CRO management and timeline/activity management. Millendo Therapeutics is located in Ann Arbor, Michigan. The hiring manager is Andy Spencer, a BMB alum from Bill Smith's group.

[Chair for the Department of Chemistry and Biochemistry University of Texas at El Paso](#)

The University of Texas at El Paso (UTEP) is seeking an innovative leader to serve as Chair of the Department of Chemistry and Biochemistry. Research activities in the Department encompass all major areas of chemistry and biochemistry, and faculty receive extramural funding from federal and state programs, private foundations and industry. The successful candidate is expected to be an active leader and researcher with a strong vision for developing and strengthening educational and research initiatives. Review of applications will begin October 21, 2019, and will continue until the position is filled.

Recent Publications

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

Jasiński M, Miskiewicz J, Feig M, Trylska J. "Thermal Stability of Peptide Nucleic Acid Complexes." *J Phys Chem B*. (2019) Oct 3;123(39):8168-8177. doi: [10.1021/acs.jpcc.9b05168](https://doi.org/10.1021/acs.jpcc.9b05168)

Herr CQ, Macomber L, Kalliri E, Hausinger RP. "Glutarate L-2-hydroxylase (CsiD/GlaH) is an archetype Fe(II)/2-oxoglutarate-dependent dioxygenase." *Adv Protein Chem Struct Biol*. (2019) Oct;117:63-90. doi: [10.1016/bs.apcsb.2019.05.001](https://doi.org/10.1016/bs.apcsb.2019.05.001)

John CW, Hausinger RP, Proshlyakov DA. "Structural Origin of the Large Redox-Linked Reorganization in the 2-Oxoglutarate Dependent Oxygenase, TauD." *J Am Chem Soc*. (2019) Sep 25;141(38):15318-15326. doi: [10.1021/jacs.9b07493](https://doi.org/10.1021/jacs.9b07493)

John CW, Swain GM, Hausinger RP, Proshlyakov DA. "Strongly Coupled Redox-Linked Conformational Switching at the Active Site of the Non-Heme Iron-Dependent Dioxygenase, TauD." *J Phys Chem B*. (2019) Sep 19;123(37):7785-7793. doi: [10.1021/acs.jpcc.9b05866](https://doi.org/10.1021/acs.jpcc.9b05866)

Ostrowska N, Feig M, Trylska J. "Modeling Crowded Environment in Molecular Simulations." *Front Mol Biosci*. (2019) Sep 11;6:86. doi: [10.3389/fmolb.2019.00086](https://doi.org/10.3389/fmolb.2019.00086)