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BME Seminar

"High-throughput all-optical electrophysiology platforms for human functional genomics and personalized medicine"

Emilia Entcheva , Ph.D.

Biomedical Engineering Professor

George Washington University, Washington, DC

Monday February 12, 2024 9:30am-10:40am in Bron320

If you are unable to attend in person you can join remotely:

WebEx: http://s.uconn.edu/bron320webex

Biosketch: Dr. Entcheva is full professor of Biomedical Engineering (BME) at George Washington University and was previously professor of Biomedical Engineering at Stony Brook University, The State University of New York (2001-2015). Dr. Entcheva leads a multi-disciplinary research program funded by the NIH, NSF, the American Heart Foundation, and other funding agencies in the areas of biophotonics, optogenetics, stem-cell-derived cardiomyocyte technology development, and gene modulation, with a special focus on understanding and controlling cardiac arrhythmias. A Fellow of the American Institute for Medical and Biological Engineering (AIMBE), Dr. Entcheva has received the Whitaker Foundation Young Investigator Award (2003), the American Heart Association Scientist Development Award (2004), and the George Washington University Faculty Research Recognition Award (2019). Dr. Entcheva has served on the NIH ESTA Study Section (2013-2017) and currently serves on the editorial board for multiple journals, including Frontiers in Computational Physiology & Medicine and Nature Scientific Reports. Dr. Entcheva has published more than 130 peer-reviewed publications and conference proceedings, 5 patents, and delivered more than 100 invited seminars.

For additional information, please visit **www.bme.uconn.edu** or contact Dr. Sabato Santaniello sabato.santaniello@uconn.edu or Birgit Sawstrom birgit.sawstrom@uconn.edu