Molecular aspects of regulation and metabolism in nitrogen fixation.

Speakers

Name	University/email	Title of talk
Daniela Prasse	Institut für Allgemeine Mikrobiologie, Christian-Albrechts-Universität Kiel	The regulatory network of nitrogen fixation particularly emphasizing the impact of small RNAs in methanogenic Archaea.
Jörg Schumacher	Department of Life Sciences, Imperial College	Physiological constraints and optimal *nif* expression of *Klebsiella oxytoca.*
Teresa Thiel	Depatment of Biology, University of Missouri-St. Louis	Regulation of two Mo-nitrogenase gene clusters in the cyanobacterium *Anabaena variabilis*.
Bernd Masepohl	Lehrstuhl für Biologie der Mikroorganismen, Ruhr-Universität Bochum	Molybdenum regulation of nitrogen fixation and Mo transport.
Emanuel. Souza	Department of Biochemistry and Molecular Biology, Universidade Federal do Paraná	The role of PII proteins in the regulation of nitrogenase activity in *Azospirillum brasilense*.
Phil Poole	Department of Plant Sciences, University of Oxford	Dissecting bacteriod metabolism.
John Peters	Institute of Biological Chemistry, Washington State University	Modeling redox homeostasis in nitrogen fixing aerobe *Azotobacter vinelandii*.
Mathangi Soundararajan	Department of Chemistry and Biochemistry, Utah State University	Whole cell N_2 and CO_2 fixation using electrochemistry – Capturing Resources on Mars.

20 min talk, 5 min for discussions.