

Month	Day	Speaker - Group	Title
October 2021	13	Tomáš Grivalský Gergely Lakatos Laboratory of Algal Biotechnology	Genetic modification of the diatom <i>Phaeodactylum tricornutum</i> for enhanced production of the carotenoid fucoxanthin. Psychrophilic Microalgae Cultivation in Outdoor Thin Layer Systems for High Value Products
	20	Barbara Menin (O. Prášil) Laboratory of Photosynthesis	Sustainable Green Cell Factories for Valuable Aromatic Compounds
	27	Gupta, Aggarwal, Wysocka Laboratory of Photosynthesis	Introduction to PhD projects
November 2021	3	Cristian Villena Laboratory of Anoxygenic Phototrophs	Aerobic anoxygenic photoheterotrophic bacterial community in Cep lake.
	10	Vitalij Belevič Laboratory of Cell Cycles of Algae	White light spectrum and microalgae growth.
	24	Tatsuhiko Tsurumaki Laboratory of Photosynthesis	NbIS/Hik33 associates to RC47 and senses stressed condition of PSII in cyanobacteria.
December 2021	1	Gergely Lakatos Laboratory of Algal Biotechnology Meri Eichner Laboratory of Photosynthesis	Psychrophilic Microalgae Cultivation in Outdoor Thin Layer Systems for High-Value Products. Single-cell orchestration of N ₂ fixation and photosynthesis in <i>Trichodesmium</i> .
	8	Parisa Rahimzadeh Laboratory of Photosynthesis	Function of the Hlip-like protein Ssl1498 in <i>Synechocystis</i>
	15	Juergen Tomasch Laboratory of Anoxygenic Phototrophs Avik Banerjee Laboratory of Photosynthesis	Transcriptional response of a dual phototrophic bacterium to environmental changes. Isolation of light-responsive lipid regulators in microalgae.
January 2022	12	Eva Kotabová Laboratory of Photosynthesis	Comparative study of adaptation strategies to iron limitation in eukaryotic marine phytoplankton
	19	Subhasish Saha Laboratory of Algal Biotechnology	Quorum sensing regulation in cyanobacteria <i>Nostoc</i> sp. for the induction of Microviridin production and activation of silent Microviridin biosynthetic gene cluster.
	26	Sijil PV Laboratory of Cell Cycles of Algae	Accumulation of omega-3 fatty acid rich lipid in indigenous freshwater microalgae and biochemical mechanisms involved
February 2022	2	Roman Sobotka Laboratory of Photosynthesis	CryoEM structure of the Photosystem I from <i>Chromera velia</i>

	9	Antonín Střížek Laboratory of Algal Biotechnology	<i>Hibberdia magna</i> (Chrysophyceae): Bioprospecting of Fucoxanthin and Polyunsaturated fatty acids producers between freshwater flagellates.
	16	Sahana Shivaramu Laboratory of Anoxygenic Phototrophs	Growth, metabolism and regulation in <i>Gemmatimonas phototrophica</i>
	23	Martin Lukeš Laboratory of Photosynthesis	Roles of enzymes responsible for carbon and nitrogen acquisition in cold adaptation of psychrophilic algae.