

Month	Day	Speaker - Group	Title
October 2021	13	<b>Tomáš Grivalský</b>  <b>Gergely Lakatos</b> Laboratory of <b>Algal Biotechnology</b>	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	<b>Barbara Menin</b> (O. Prášil) Laboratory of <b>Photosynthesis</b>	Sustainable Green Cell Factories for Valuable Aromatic Compounds
	27	<b>Gupta, Aggarwal, Wysocka</b> Laboratory of <b>Photosynthesis</b>	Introduction to PhD projects
November 2021	3	<b>Juergen Tomasch</b> Laboratory of <b>Anoxygenic Phototrophs</b>	Transcriptional response of a dual phototrophic bacterium to environmental changes.
	10	<b>Vitalij Belevič</b> Laboratory of <b>Cell Cycles of Algae</b>	White light spectrum and microalgae growth.
	24	<b>Tatsuhiko Tsurumaki</b> Laboratory of <b>Photosynthesis</b>	NbIS/Hik33 associates to RC47 and senses stressed condition of PSII in cyanobacteria.
December 2021	1	<b>Gergely Lakatos</b> Laboratory of <b>Algal Biotechnology</b>	Cold adapted <i>Tribonema</i> sp. cultivation in outdoor thin-layer raceway pond for high value products.
	8	<b>Parisa Rahimzadeh</b> Laboratory of <b>Photosynthesis</b>	Function of the Hlip-like protein Ssl1498 in <i>Synechocystis</i>
	15	<b>Cristian Villena</b> Laboratory of <b>Anoxygenic Phototrophs</b>	Aerobic anoxygenic photoheterotrophic bacterial community in Cep lake.
January 2022	12	<b>Eva Kotabová</b> Laboratory of <b>Photosynthesis</b>	Comparative study of adaptation strategies to iron limitation in eukaryotic marine phytoplankton
	19	<b>Subhasish Saha</b> Laboratory of <b>Algal Biotechnology</b>	
	26	<b>Sijil PV</b> Laboratory of <b>Cell Cycles of Algae</b>	Accumulation of omega-3 fatty acid rich lipid in indigenous freshwater microalgae and biochemical mechanisms involved
February 2022	2	<b>Roman Sobotka</b> Laboratory of <b>Photosynthesis</b>	CryoEM structure of the Photosystem I from <i>Chromera velia</i>
	9	<b>Antonín Strížek</b> Laboratory of <b>Algal Biotechnology</b>	

16	<b>Sahana Shivaramu</b> Laboratory of <b>Anoxygenic Phototrophs</b>	Growth, metabolism and regulation in <i>Gemmatimonas phototrophica</i>
23	Martin Lukeš Laboratory of <b>Photosynthesis</b>	

**Zimný Sem. + Letní Sem.:** **Fotosyntéza** 7+7  
**Biotechnológia** 4+4  
**Cykly** 2+3  
**AAP** 3+2