

**ALGATECH Scientific Seminars**  
**for the period from February to June 2021**  
**(Wednesday 1 p.m., seminar room on the 3<sup>rd</sup> floor, Zoom meeting)**

Month	Day	Speaker - Group	Title
February	3	<b>Dr. Karel Kopejtko</b> Laboratory of Anoxygenic Phototrophs	Simultaneous presence of bacteriochlorophyll and xanthorhodopsin genes in a freshwater bacterium.
	10	<b>Prof. Ondřej Prášil</b> Laboratory of Photosynthesis	GAP experiments 3 years after - Electron & Biomass Dynamics of Cyanothece under interacting nitrogen & carbon limitations.
	17	<b>Joao Manuel Camara</b> Laboratory of Algal Biotechnology	The hidden language between microalgae and bacteria.
	24	<b>Dr. Markéta Linhartova</b> Laboratory of Photosynthesis	Cyanobacterial pilins are essential for metal homeostasis.
March	3	<b>Dr. Anjali Singh</b> Laboratory of Cell Cycles of Algae	Impacts of ultraviolet - B radiation on mycosporine-like amino acids producing, crust - forming cyanobacteria.
	10	<b>Dr. Radek Kaňa</b> Laboratory of Photosynthesis	FCS microscopy
	17	<b>Prof. Jiří Masojídek</b> Laboratory of Algal Biotechnology	Microalgae as Feed in Aquaculture.
	24	<b>Guillem Pascual</b> Laboratory of Photosynthesis	Psb35 protein stabilizes the CP47 assembly module and associated high-light inducible proteins during the biogenesis of photosystem II in the cyanobacterium <i>Synechocystis sp.</i> PCC680.
	31	<b>Doc. Michal Koblížek</b> Laboratory of Anoxygenic Phototrophs	Comparison of Shimadzu UV3000 and UV2600 spectrophotometers.
April	7	<b>Dr. Gregorz Konert</b> Laboratory of Photosynthesis	Microdomains
	14	<b>Dr. Pavel Hrouzek</b> Laboratory of Algal Biotechnology	Novel ribosomally synthesized and post-translationally modified peptide

			nostatin A as a promising anticancer lead.
	21	<b>Dr. Jana Knoppová</b> Laboratory of Photosynthesis	Photosystem II Reaction Centre Assembly Complex (RCII) - from Purification to 3D Structure.
	28	<b>Dr. Vitali Belevič</b> Laboratory of Cell Cycles of Algae	Knock down of commitment point related genes and the cell cycle progression in <i>Chlamydomonas reinhardtii</i> .
May	5	<b>Jan Hájek</b> Laboratory of Algal Biotechnology	Effect of the fatty acid chain length on the antifungal and cytotoxic activity of cyanobacterial lipopeptides.
	12	<b>Dr. Avik Banerjee</b> Laboratory of Photosynthesis	Isolation of lipid-responsive regulators in microalgae.
	19	<b>Dr. Alastair Gardiner</b> Laboratory of Anoxygenic Phototrophs	Characterisation of the photosynthetic complexes from the aerobic anoxygenic phototrophic Gammaproteobacterium <i>Congregibacter litoralis</i> KT71.
	26	<b>Dr. Eva Kiss</b> Laboratory of Photosynthesis	Functional coupling between photosystem II biogenesis and the metabolism of tetrapyrroles.
June	2	<b>Doc. RNDr. Fatima Cvrčková</b> (Laboratory of Cell Cycles of Algae) Charles University, Faculty of Science, Department of Experimental Plant Biology	Will be provided later
	9	<b>Dr. Saha Subhasish</b> Laboratory of Algal Biotechnology	Exploration of putative novel cyanobacterial pharmaceutical lasso-peptides by direct pathway cloning (DiPaC).
	16	<b>Photosynthesis</b>	?