

Program of the 52nd Jirovec's Protozoological days (24-28 April 2023)

Monday 24th		
CEST	Monday 24th	
16:00-18:30	Arrival	
18:30-20:00	Welcome drink & dinner Socializing	
Tuesday 25th		
7:00-8:45	Breakfast	
9:00-9:15	Hehenberge	Anzhelika Butenko Mitochondrial genome evolution: views and news
9:15-9:30		Eliška Klapuchová* Exploring the mitochondrial genetic code diversity
9:30-9:45		Kacper Maciszewski In the spotlight, losing IR region: the complexity and convergence in genome evolution of algal secondary plastids
9:45-10:00	Jacek Patryn Bio-Rad: microworld secrets at close hand	
10:00-10:45	Coffee break	
10:45-11:00	Koliška	Shun-Min Yang* Mitochondria targeting histone in <i>Chromera velia</i>
11:00-11:15		Vít Dohnálek* Taming of mitochondria with LYRM proteins
11:15-11:30		Martin Benda The role of late ISC pathway in the formation of cytosolic 4Fe-4S clusters in <i>Giardia intestinalis</i>
11:30-11:45		Vladimír Hampl FeS cluster machinery in the amitochondriate eukaryote <i>Monocercomonoides exilis</i> composes of a single large complex
11:45-12:00		Ján Blažek Empowering your research: Overview of GeneTICA NGS portfolio
12:00-14:00	Lunch	
14:00-15:00	Michelle Leger	The first filasterean parasite illustrates holozoan protist diversity
15:00-15:30	Coffee break	
15:30-15:45	Leger	Jonathan Wong* The ancestral shape of the access proton path of mitochondrial ATP synthases revealed by a split subunit-a
15:45-16:00		Prashant Chauhan* Assembly factor mTSAF24 in the biogenesis of small mitoribosomal subunit in trypanosomes
16:00-16:15		Vladimíra Najdová The guided entry of Tail-anchored proteins pathway in <i>Giardia intestinalis</i>
16:15-16:30		Jiří Pergner Deciphering modification of 3' termini in secondary plastids of euglenids
16:30-16:45		Ansgar Gruber Evolutionary and physiological insights gained from the N- and C- terminal prediction of intracellular protein locations in cells with complex plastids
16:45-17:00	Group photography	
17:00-18:30	Poster session see the list of Posters for details	
18:30-20:00	Dinner Socializing	
Wednesday 26th		
7:00-8:45	Breakfast	
9:00-10:00	Alastair Simpson	The enduring mystery of 'excavates'
10:00-10:45	Coffee break	
10:45-11:00	Hampel	Jan Michálek The early evolution of dinoflagellates in the light of transcriptome data from <i>Eudubosquella</i> and <i>Ichthyodinium</i>
11:00-11:15		Daryna Zavadzka* On the relationship between protist metabarcoding and protist metagenome-assembled genomes
11:15-11:30		Aleš Horák Intra-genomic diversity of the V9 hypervariable region of the 18S rRNA gene in eukaryotes and its impact on metabarcoding
11:30-11:45		Vladislava Majnušová* A surprisingly diverse population of dsDNA viruses colonizes a bicosoecid with a non-standard genetic code
11:45-12:00		Zuzana Škopková Product update: Welcome Q20+ chemistry and farewell to previous kits!
12:00-14:00	Lunch	
14:00-14:15	Corinna Benz	Role of MICOS in mitochondrial maturation during <i>Trypanosoma brucei</i> differentiation
14:15-14:30	Michael Hammond	Comprehensive sub-mitochondrial protein map of the parasitic protist <i>Trypanosoma brucei</i> reveals novel aspects of organellar biology
14:30-14:45	Ignacio Durante	Extensive identification of novel kinetoplast associated proteins in <i>Trypanosoma brucei</i>
14:45-15:00	Lawrence Rudy Cadena*	Cutting the cord: Identification of a vital protein involved in the segregation of kinetoplast DNA
15:00-15:30	Coffee break	
15:30-16:30	Oxford Nanopore Q&A	
15:30-16:30	Demonstration of protists	
16:30-17:00	Free time Optional: Lyrer brewery tour	
18:30	Conference reception followed by a party (at the conference hall)	
Thursday 27th		
7:00-8:45	Breakfast	
9:00-9:15	Horák	Nadine Zimmann <i>Trichomonas vaginalis</i> and the vaginal microbiome: Interactions in the early steps of infection
9:15-9:30		Kateřina Poláková* Syntrophic symbioses in anoxia: Studying freshwater metopid ciliates and their methanogenic endosymbionts
9:30-9:45		Daniel Méndez-Sánchez* Unveiling the diversity of the anaerobic class Odontostomatae
9:45-10:00		Šimon Zeman* Wanted: Alive – Using citizen science to explore the diversity of trypanosomatids in invasive true bugs (Hemiptera: Heteroptera)
10:00-10:45		Coffee break
10:45-11:00	Jitka Richtová	Circadian rhythms and circadian clock gene homologs of secondary alga <i>Chromera velia</i>
11:00-11:15	Julie Kovářová	Queuosine-tRNA modification as a means for gene expression regulation in <i>Leishmania mexicana</i>
11:15-11:30	Geetha Gonepogu*	Dynamics and isolation of guanine crystals from <i>Chromera velia</i>
11:30-11:45	Dorsaf Ennaceur*	Candidate transport proteins for guanine in <i>Chromera velia</i>
11:45-12:00	Tamas Dobai*	Production and 3D structure prediction of Smo1CathL, a cysteine protease of the ancient endoparasite <i>Sphaerospora molnari</i>
12:00-14:00	Lunch	
14:00-14:15	Daria Tashyreva	First whole-cell three-dimensional reconstruction of diplomonid ultrastructure and cell division
14:15-14:30	Ravikumar Narayanasamy	Implementation of live-cell imaging tool to visualize <i>Trichomonas vaginalis</i>
14:30-14:45	Yi-Kai Fang	Preliminary studies of striated fibres and assemblies in Preaxostylans
14:45-15:00	Tien Le	Peroxisomes in anaerobic fungi <i>Neocallimastigomycota</i>
15:00-15:30	Coffee break	
15:30-15:45	Best student talk & poster awards, concluding remarks	
15:45	Meeting of the Czech Society for Parasitology	
	Free time	
18:30-20:00	Dinner Socializing	
Friday 28th		
7:00-8:45	Breakfast	
9:00-10:00	Departure	

* student talks