



# ONLINE POSTER SESSION ON PROTISTS

#ProtistSession

Program v 2.8

August 10 – 14, 2020

ISOP International Society  
of Protistologists



INTERNATIONAL  
SOCIETY FOR  
EVOLUTIONARY  
PROTISTOLOGY



## Instructions to Participants

- Upload and post your presentation on Facebook (group [ProtistSession](#)) and/or Twitter. Be sure to use the hashtag [#ProtistSession](#) on both platforms.
- Post it **around the beginning of your time slot** and then stay online and ready for discussions for the entire time of the 4-hour time slot. Of course, you do not need to stare into your phone/computer for the entire time. Just check it regularly enough so you will be able to engage in conversations with other participants and visitors.
- If you are presenting more than once, make a new post for each time slot.
- In order to be eligible for society-sponsored prizes, **state your career stage** (student, postdoc, professor, etc.) and your relationship to the presented work within or with your presentation. **Leave your presentation online** for at least 1 week after the poster session ends.
- Enjoy and engage with presentations of others. You will have an **opportunity to nominate** up to 10 presentations in 2 categories for society-sponsored prizes, so think about that and make notes of your favorites. The email with a link to a nomination form will be sent at the end of the week, after all of the presentations have taken place.
- If, for whatever reason, you would prefer **not to post your presentation from your personal profile** on either of the platforms, do not hesitate to contact us and we will figure out some individual solution together.
- Feed of the **presentations will be also visible through [a new website](#)** so that people who have account on neither of the social platforms can passively participate. If you, for whatever reason, do not want your post to be accessible this way, please let us know and we will accommodate your wish.

## Society-sponsored Prizes

### ISOP Prize for Best Online Student Presentation

- 300 USD provided by ISOP awarded to a single participant or divided between 2 or 3 participants + a 1-year long membership in ISOP for each awardee.
- **Student participants are eligible.**
- Recognizes overall quality of the presentation including quality of the presented original research.
- Awarded presentations will be placed on the ISOP website.

### ISEP Prize for Creativity in Online Presentation

- 200 USD provided by ISEP awarded to a single participant or divided between 2 participants + a 2-year long membership in ISEP for each awardee.
- **All participants are eligible.**
- Recognizes quality and originality of the form of the presentation including its accessibility to people with disabilities and the creativity with which it uses the online environment.
- Awarded presentations will be placed on the ISEP website.

**1st round** of the selection process consists of a **poll among all registered participants** (including non-presenting ones) and organizers in which each person can nominate up to 10 presenting participants for each of the 2 categories. 10 participants with the most votes for each of the 2 categories advance to the **2nd round**, which consists of a discussion and vote among the 5 organizers (plus eventually officers representing the societies, if interested). Number of votes from the 1st round will be taken into account.

Monday, August 10, 2020, 1 – 5 PM GMT

ID	Name	Affiliation	Title	Platform	Comment
10WF1	Giulia Magri Ribeiro	University of São Paulo	Use of functional phylogenomics to unveil metabolic adaptations in testate amoeba (Arcellinida: Amoebozoa)	Facebook	2x (11WF5)
10WF2	Alie Abibulaeva	A.D. Kovalevsky Institute of Biology of the Southern Seas of RAS	Finds of sessile ciliates (Ciliophora, Peritrichia) on green filamentous algae <i>Cladophora sivashensis</i> in Sivash Bay (the Sea of Azov)	Facebook	
10WF3	Yuanyuan Wang	Ocean University of China	A distinct class of eukaryotic MT-A70 methyltransferases maintain symmetric DNA N6-adenine methylation	Facebook	
10WF4	Yelisei Mesentsev	Saint-Petersburg State University	Phylogeny and evolution of thecamoebid amoebae (Amoebozoa, Discosea, Thecamoebida)	Facebook	
10WF5	Mariia Berdieva	Institute of Cytology Russian Academy of Science	Search for singamy- and meiosis-associated proteins in the dinoflagellate <i>Prorocentrum cordatum</i> transcriptome	Facebook	
10WFT6	Vasily Zlatogursky	Saint-Petersburg State University	Introduction to Sun-shaped protists aka "Heliozoa"	Facebook, Twitter	2x (13EFT5)
10WT7	Kirsty Wan	Living Systems Institute, University of Exeter	Origins of eukaryotic excitability	Twitter	2x (12WT6)
10WT8	Ilya Pozdnyakov	Institute of Cytology RAS	Ion channels of protists: the evolution of excitability in eukaryotes	Twitter	2x (11WF1)

Tuesday, August 11, 2020, 6 – 10 AM GMT

ID	Name	Affiliation	Title	Platform	Comment
11EF1	Mariarita Caracciolo	Sorbonne Université	A morphogenetic approach to study the seasonal succession of the eukaryotic marine plankton communities: the SOMLIT-Astan time-series.	Facebook	Changed to 12EF10
11EF2	Marina Patsyuk	Zhytomyr Ivan Franko State University	Naked amoeba fauna of Ukraine	Facebook	
11EF3	Maksim Melekhin (coauthors: M. Belokon, N. Borodin, V. Khabibulina)	Zoological Institute of Russian Academy of Sciences, Saint Petersburg State University	First molecular data on the genus <i>Ophryodendron</i> (Ciliophora: Phyllopharyngea)	Facebook	
11EF4	Yalan Sheng	Ocean University of China	The completed macronuclear genome of a model ciliate <i>Tetrahymena thermophila</i>	Facebook	
11ET5	Elisabeth Richardson	University of Alberta	Distribution of Membrane Trafficking Components Across Ciliate Diversity	Twitter	2x (12ET7)

Tuesday, August 11, 2020, 1 – 5 PM GMT

ID	Name	Affiliation	Title	Platform	Comment
11WF1	Ilya Pozdnyakov	Institute of Cytology RAS	Ion channels of protists: the evolution of excitability in eukaryotes	Facebook	2x (10WT8)
11WF2	Elena Gerasimova	Institute for Cellular and Intracellular Symbiosis UB RAS	Biodiversity of centrohelid heliozoa of Russian steppe and forest-steppe	Facebook	
11WF3	Kristina I. Prokina	Papanin Institute for Biology of Inland Waters RAS	Diversity and morphology of marine heterotrophic	Facebook	

			flagellates of Curacao, Netherlands Antilles		
11WF4	Valeria Casa	IIIA University of San Martín	A journey into testate amoebae and diatoms from peat bogs from the end of the world	Facebook	
11WF5	Giulia Magri Ribeiro	University of São Paulo	Use of functional phylogenomics to unveil metabolic adaptations in testate amoeba (Arcellinida: Amoebozoa)	Facebook	2x (10WF1)
11WT6	Annemie Doliwa	Eukaryotic Microbiology, University of Duisburg-Essen	Identifying potential hosts of short-branch Microsporidia	Twitter	2x (13WT4)
11WT7	Erika Rassoshanska		Biodiversity of short-branch Microsporidia in three Neotropical rainforests	Twitter	2x (13WT5)
11WT8	Isabelle Ewers	Eukaryotic Microbiology, University of Duisburg-Essen	Platyophryids early in the colpodean ciliate phylogeny	Twitter	2x (13WT6)

### Wednesday, August 12, 2020, 6 - 10 AM GMT

ID	Name	Affiliation	Title	Platform	Comment
12EF1	Ekaterina V. Frolova	Institute of Cytology RAS; SPbSU	Two microsporidian hyperparasites for one host: different strategies for life.	Facebook	
12EF2	Koh Yokouchi	Hokkaido university	Evolution of nutritional strategies within the genus <i>Paragymnodinium</i> (Dinophyceae)	Facebook	
12EF3	Carlos Alberto Durán Ramírez (coauthor: Rosaura)	Universidad Nacional Autónoma de México	Ecological aspects of ciliates from tank bromeliads in Mexico	Facebook	

	Mayén-Estrada)				
12EFT4	Anbarasu Karthikaichamy	Stony Brook University, NY, USA	I have a joke about model organisms, but it isn't <i>Aurantiochytrium</i>	Facebook, Twitter	
12EFT5	Abigail Ann Howell	Arizona State University	A Simplified Method to Enrich <i>Tetrahymena</i> Micronuclear DNA	Facebook, Twitter	
12ET6	Bradley Weiler	University of Miami Rosenstiel School of Marine and Atmospheric Science	<i>Mediocremonas mediterraneus</i> , a New Member within the Developea	Twitter	
12ET7	Elisabeth Richardson	University of Alberta	Distribution of Membrane Trafficking Components Across Ciliate Diversity	Twitter	2x (11ET5)
12ET8	Victoria Accattatis	Instituto Nacional de Limnología (UNL-CONICET)	Tracking a microscopic invader in South America: <i>Ceratium furcoides</i>	Twitter	2x(13EF7)
12ET9	Saw Bawm	University of Veterinary Science, Myanmar	Microscopic and molecular identification of <i>Eimeria</i> in goats in Myanmar	Facebook	
12EF10	Mariarita Caracciolo	Sorbonne Université	A morphogenetic approach to study the seasonal succession of the eukaryotic marine plankton communities: the SOMLIT-Astan time-series.	Facebook	Changed to here from 11EF1

**Wednesday, August 12, 2020, 1 – 5 PM GMT**

ID	Name	Affiliation	Title	Platform	Comment
12WF1	Artem Belyaev	Papanin Institute for Biology of Inland Waters, Russian	Morphological and molecular studies of a new lineage of Neobodonida	Facebook	

		Academy of Sciences			
12WF2	Lingjie Zhou	University of Connecticut	Estimating phytoplankton carbon biomass using DNA	Facebook	
12WF3	Luciana Burdman	Instituto de Investigación e Ingeniería Ambiental, UNSAM - CONICET	A journey into testate amoebae and diatoms from peat bogs from the end of the world	Facebook	
12WFT4	Shelby Williams	Dalhousie University	5 novel Metamonads show progressive loss of mitochondrial function	Facebook, Twitter	
12WFT5	Oksana Kamyshatskaya	Department of Invertebrate Zoology, Faculty of Biology, St. Petersburg State University	Evolutionary relationships of the genus <i>Polychaos</i> (Amoebozoa, Tubulinea)	Facebook, Twitter	
12WT6	Kirsty Wan	Living Systems Institute, University of Exeter	Origins of eukaryotic excitability	Twitter	2x (10WT7)
12WT7	Sarah Hu	Woods Hole Oceanographic Institution	Protists as predators at deep-sea hydrothermal vents	Twitter	
12WT8	Fernanda Castano	FCEN, UBA (Universidad de Buenos Aires)	The early eukaryote fossil record	Twitter	
12WT9	Lael D. Barlow	University of Dundee	AMOEBAE: A systematic workflow for finding gene homologues	Twitter	



Thursday, August 13, 2020, 6 – 10 AM GMT

ID	Name	Affiliation	Title	Platform	Comment
13EF1	Mann Kyoon SHIN	University of Ulsan	A new hypersaline ciliate species of genus <i>Schmidingerothrix</i> (Schmidingerothrichidae, Stichotrichida, Ciliophora) based on morphology and molecular phylogeny	Facebook	
13EF2	Arijit Bhattacharya	Adamas University	Deciphering the interactome of Leucine Carboxyl Methyltransferase (LCMT) from <i>Leishmania</i>	Facebook	
13EFT3	Susan Smith	University of Connecticut-- Department of Marine Sciences	Ciliates in the blowhole of a beluga whale	Facebook, Twitter	
13EFT4	Najeen Arabelle Rula	VIP CORALS, Batangas State University	Phylogenetic analysis of allophycocyanin-associated linker proteins in algae and other photosynthetic organisms	Facebook, Twitter	
13EFT5	Vasily Zlatogursky	Saint-Petersburg State University	Introduction to Sun-shaped protists aka "Heliozoa"	Facebook, Twitter	2x (10WFT6)
13ET6	Jorge Cardich	UPCH	No oxygen? Hold my beer: Benthic foraminifera in OMZ	Twitter	
13EF7	Victoria Accattatis	Instituto Nacional de Limnología (UNL-CONICET)	Tracking a microscopic invader in South America: <i>Ceratium furcoides</i>	Facebook	2x(12ET8) Changed to 13WF10
13EFT8	Aishee Bhowal	Zoological Survey of India	Strength in Numbers: An insight into chain forming marine dinoflagellates.	Facebook, Twitter	
13EF9	Shwe Yee Win	University of Veterinary	Microscopic and molecular detection of	Facebook	

		Science, Myanmar	haemoparasites from village chickens in Nyaung U, Myanmar		
13EF10	Choonbong Kwon	University of Ulsan	Diversity of benthic rotaliid foraminifera in Dokdo.	Facebook	

Thursday, August 13, 2020, 1 – 5 PM GMT

ID	Name	Affiliation	Title	Platform	Comment
13WF1	Dandan Zhao	Dalhousie University	Investigating the role of anaerobic protist <i>Blastocystis</i> in human/animal gut microbiome by metagenomic analysis	Facebook	
13WF2	Alexey Smirnov	Department of Invertebrate Zoology, Faculty of Biology, Saint Petersburg State University	Evolutionary relationships among Amoebozoa lineages and classification of this group of protists	Facebook	
13WFT3	Olga Gordetskaya	SPbU	Inside the amoeba nucleus step by step: incredible adventures of <i>Nucleophaga</i> amoebae	Facebook, Twitter	
13WT4	Annemie Doliwa	Eukaryotic Microbiology, University of Duisburg-Essen	Identifying potential hosts of short-branch Microsporidia	Twitter	2x (11WT6)
13WT5	Erika Rassoshanska	Eukaryotic Microbiology, University of Duisburg-Essen	Biodiversity of short- branch Microsporidia in three Neotropical rainforests	Twitter	2x (11WT7)
13WT6	Isabelle Ewers	Eukaryotic Microbiology, University of Duisburg-Essen	Platyophryids early in the colpodean ciliate phylogeny	Twitter	2x (11WT8)

13WT7	Jamie Micciulla	University of Connecticut	Protist facilitated transport of rhizosphere beneficial bacteria, <i>Sinorhizobium meliloti</i>	Twitter	
13WT8	Kira Turnham	Penn State University	Host habitats promote the speciation of mutualistic microalgae	Twitter	
13WT9	Ben Jenkins	University of Oxford	Emergent RNA-interactions can promote stability in a nascent phototrophic endosymbiosis	Twitter	
13WF10	Victoria Accattatis	Instituto Nacional de Limnología (UNL-CONICET)	Tracking a microscopic invader in South America: <i>Geratium furcoides</i>	Facebook	2x(12ET8)

**Friday, August 14, 2020, 1 - 5 PM GMT**

ID	Name	Affiliation	Title	Platform	Comment
14WF1	Casha de Vos	University of Cape Town	Dynamics of the surf-zone diatom <i>Anaulus australis</i> at Muizenberg Beach, False Bay, South Africa	Facebook	
14WF2	Ariely Barbosa Leite	UNIFESP - Federal University of São Paulo	Effect of lysine acetylation on the regulation of <i>Trypanosoma brucei</i> glycosomal aldolase activity	Facebook	
14WF3	Pedro Henrique Campello Nunes	Universidade Federal do Rio de Janeiro	Macronuclear Retention in <i>Spirostomum</i> (Ciliophora, Heterotrichea)	Facebook	
14WF4	Alyssa Rossi Borges	Universität Würzburg	18S rDNA Sequence-Structure Phylogeny of the Trypanosomatida (Kinetoplastea, Euglenozoa) with Special	Facebook	

			Reference on <i>Trypanosoma</i>		
14WF5	Denis Tikhonenkov	Papanin Institute for biology of Inland waters Russian Academy of Science	New Lineage of Microbial Predators Adds Complexity to Reconstructing the Evolutionary Origin of Animals	Facebook	
14WF6	Dmitry Zagumenniy		New Species of Centrohelid Heliozoans (Haptista: Centroplasthelida)	Facebook	
14WF7	Alfredo Leonardo Porfírio-Sousa	University of São Paulo	Current knowledge and research perspectives of the shell formation process in the genus <i>Arcella</i> (Arcellinida: Amoebozoa)	Facebook	
14WF8	Denis Tikhonenkov	Papanin Institute for biology of Inland waters Russian Academy of Science	New Lineage of Microbial Predators Adds Complexity to Reconstructing the Evolutionary Origin of Animals	Facebook	
14WT9	Mi-Hyun Park	Gangneung- Wonju National University	Improved representative mitochondrial genome of the genus <i>Euplates</i> : insights into the comparative genetic phylogeny of the <i>Euplates</i> <i>vannus</i> -complex	Twitter	
14WT10	Stephen J. Taerum	Connecticut Agricultural Experiment Station	Development and validation of a PNA clamp to increase protist diversity in rhizosphere microbiome research	Twitter	
14WF11	Kacper Maciszewski	Institute of Evolutionary	In the spotlight, losing IR region: repeated	Facebook	

		Biology, Faculty of Biology, Biological and Chemical RC, U of Warsaw, Poland	rearrangements of plastid genome structure in euglenophytes		
14WF12	Ekaterina Volkova	Zoological institute, Russian academy of sciences	What a parasitic lifestyle can do to an amoeba: an example of <i>Janickina pigmentifera</i>	Facebook	
14WF13	Alexander Kudryavtsev	Zoological Institute, Russian Academy of Science	Fascinating diversity of naked lobose amoebae (Amoebozoa) demonstrated through microvideography	Facebook	
14WF14	Haritha Prasad	Zoological Survey of India	The sea squad of Apollo: Marine bioluminescent dinoflagellates	Facebook	
14WF15	Dr. Jasmine Purushothaman	Zoological Survey of India	Hitchhikers of the Ocean: Are they significant in Marine microbial ecosystem	Facebook	
14WF16			Are they unique to an ecosystem: Genus <i>Diffugia</i> Leclerc, 1815 (Testate amoeba) from India	Facebook	
14WF17	Lat Lat Htun	University of Veterinary Science, Myanmar	<i>Cryptosporidium</i> and <i>Toxoplasma</i> infections in livestock in Myanmar	Facebook	
14WF18	Caroline Link & Marcela Prado-Zapata	New College of Florida	Stability of microbial communities associated with thermotolerant protist <i>Symbiodinium</i> in culture	Facebook	

## Non-presenting Participants

Name	Affiliation
Alecs Persia	Batangas State University VIP CORALS
Alessandra Dupont	Justus Liebig Universität Gießen
Ana Caroline de Castro Nascimento Sousa	UNIFESP
Angélica Serrano Vázquez	Universidad Nacional Autónoma de México
Anna Nenarokova	Parasitology Institute CAS
Bailin Zhang	Johns Hopkins Bloomberg School of Public Health
Cahyani Novia	University of Ulsan
Camila Barbosa de Araujo	Instituto de Botânica IBt/SP
Chantelle Hooper	Cefas
Charlie Biwer	University of Groningen
Dayana Elizabeth Salas-Leiva	Dalhousie University
Diana Kostenko	-
Elena Nassonova	Institute of Cytology RAS
Eva Švagr	Faculty of science - Charles University, Prague
Filip Husnik	Okinawa Institute of Science and Technology
Florencia Rojas Molina	Instituto Nacional de Limnología
Gabriela González Garraza	Centro Austral de Investigaciones Científicas (CADIC) CONICET
Gabriela Küppers	Museo Argentino de Ciencias Naturales "Bernardino Rivadavia"- CONICET
Gaytha A. Langlois	Bryant University
George McManus	University of Connecticut
Hannah Reich	University of Rhode Island
Hao Zhang	University of Houston
Horacio Pérez Juárez	Universidad Nacional Autónoma de México, UNAM.
Jayvee A. Saco	Verde Island Passage Center for Oceanographic Research and Aquatic Life Sciences, Batangas State University
Jonel M. Corral	Batangas State University
Jovy Ann P. Valera	Batangas State University
Juan Saldarriaga	University of British Columbia
Juliana Jiménez	Universidad industrial de Santander
Kathy Córdova	Cayetano Heredia University
Khay Ramos	BSU LOBO
Kristanti Nanda Dwi	University of Ulsan
Lander Merma-Mora	Cayetano Heredia University

Lindsay Triplett	The Connecticut Agricultural Experiment Station
Magdalena Licursi	INALI (Instituto Nacional de Limnología) - CONICET, UNL
Mariana Rius	SBU
Marie Leleu	Lille University / Liège University
Matias Gabrielli	Instituto de Biología Molecular y Celular de Rosario
Mehdi Zarei	-
Melina Devercelli	CONICET
Miguel Azcuna	Batangas State University
Miguel Garcia	Universidade Federal de São Paulo
Miguel Morales	Universidad del Valle de Guatemala
Mireya Ballesteros	Universidad Nacional Autónoma de México
Najeen Arabelle Rula	VIP CORALS Batangas State University
Nguyen Quoc Dung	University of Ulsan
Nilmar Moretti	Federal University of Sao Paulo
Park Jemin	-
Paula Huber	National Institute of Limnology (CONICET-UNL). Argentina
Paulina Janik	W. Szafer Institute of Botany Polish Academy of Sciences
Pavel Škaloud	Charles University
Pia Corre	-
Pikka Jokelainen	Statens Serum Institut, Denmark
Rani Bibi	University of Ulsan
Ratih Kusuma	University of Ulsan
Rebecca Zufall	University of Houston
Rosaura Mayén-Estrada	Universidad Nacional Autónoma de México
Dr. Sabine Schultes	-
Sahr Uzma	University of Ulsan
Sebastian Metz	INTECH - CONICET
Sonja Rueckert	Edinburgh Napier University
Thaís Garcia da Silva	Federal University of São Carlos
Viktoriya Petlovana	Taras Shevchenko National University of Kyiv
Yubo Hou	Skidmore College
Yuka Yajima	Muroran Institute of Technology
Yuki Kobayashi	Yamaguchi University
Zaahid Khan	University of the Witwatersrand
Zavadska Daryna	Taras Shevchenko National University of Kyiv

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## Organizers:

- Anna Novak Vanclova (École Normale Supérieure, France, EU)
- Johana Rotterova (Charles University, Czechia, EU)
- Lukas Novak (Université Paris-Saclay, France, EU)\*
- Shelby Williams (Dalhousie University, NS, Canada)
- Shweta Pipaliya (University of Alberta, AB, Canada)

\*Contact: [Email](#), [Facebook](#), [Twitter](#)

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