POSTER SESSIONS

Due to the large number of posters communications received, three evening Poster Sessions of 1 h will take place:

Poster Session I, Monday 7th (18:00-19.00 h)
Poster Session II, Tuesday 8th (18:00-19.00 h)
Poster Session III, Wednesday 9th (15:00-16:00 h)

Each poster will be assigned to a specific session of 1 h. It is the responsibility of the presenting author to ensure that at least one of the authors is present during that time, and that the poster is removed at the end of the session. Posters will be displayed in the lobby of the Faculty of Biology – Red Building and the entrance hall of the Auditorium Maximum (Faculty of Computer Engineering) throughout the duration of all meeting activities of the day.

TOPICS

• Genomics/Molecular Biology  Poster Session I
• Evolution/Phylogeny  Poster Session I
• Cell Biology  Poster Session II
• Taxonomy  Poster Session II
• Ecology  Poster Session II
• Physiology and Metabolism  Poster Session III
• Barcoding  Poster Session III
• Environmental Microbiology  Poster Session III
• Parasitology  Poster Session III

Poster Session I (Monday 7th, 18.00-19.00 h)

Genomics/Molecular Biology
(Entrance hall Auditorium Maximum, Faculty of Computer Engineering)

1  Gene expression analysis of metallothioneins and AP-1 transcription factors in experimentally adapted Tetrahymena thermophila strains to extreme metal stress. A model of gene expression coordination
Juan Carlos Gutiérrez et al.

2  A draft genome of the anaerobic flagellate Carpediemonas membranifera, a free-living relative of metamonad parasites
Dayana Salas-Leiva et al.

3  Complete nuclear genome sequence of Goniomonas avonlea, a plastid-lacking cryptomonad
Ugo Cenci
4 CRISPR/Cas9 gene disruption in *Trypanosoma cruzi*: an approach to study proteins involved in calcium homeostasis
Noelia Lander et al.

5 Comparative analysis of chlorarachniophyte mitochondrial genomes; evolutionary insights from genome architecture and endosymbiotic gene transfer
Goro Tanifuji et al.

6 Effects of global warming on growth and genetic diversity of marine ciliated protists
Rao Fu et al.

7 Studies on nuclear and genomic biology of the dinoflagellate *Oxyrrhis marina*
Susana Breglia et al.

8 Intestinal epithelial cell-parasite cross-talk during giardiasis
Staffan Svärd et al.

9 The dynamics of mitochondrial metabolism in a cercozoan capable of growth in aerobic and low-oxygen conditions
Ryoma Kamikawa et al.

10 The guided entry of tail-anchored proteins pathway in *Giardia intestinalis*
Vladimira Najdrova et al.

11 Investigating miniSOG as a protein localization tool in oxygen-sensitive protozoan parasites
Victoria Morin-Adeline et al.

12 Adaptation to a free-living lifestyle via gene acquisitions in the diplomonad *Trepomonas* sp. PC1
Feifei Xu et al.

13 Genome Annotation and Analysis of *Holospora curviuscula*
Alexandra Beliavskai et al.

14 The chloroplast genome of *Euglena mutabilis* and evolutionary implications
Nadja Dabbagh et al.

15 Searching for genes involved in mating type determination in selected species of *Paramecium aurelia* complex
Natalia Sawka et al.

16 Getting inside in the *Acanthameoba* – *Legionella* relationship
Angela Magnet et al.
17 Bacterial-like mitochondrial genome for planktonic foraminifera *Globigerinella aequilateralis*  
Chienhsun Chen et al.

18 The kinome of the giant ciliate *Stentor*: over 2000 kinases and novel domain architectures  
Sarah Reiff et al.

19 Construction and expression of vector with *mip/pilE* advantages epitope genes of *Legionella pneumophila*  
Jinlei He et al.

20 Comparative analysis of the *Monocercomonoides* sp. and *Trimastix pyriformis* - insight into the evolution of Metamonada  
Anna Karnkowska et al.

21 Diversification in diplomonads: reduction, acquisitions and genomic complexity  
Jan Andersson et al.

22 Comparative genomics of *Nephromyces* communities from tunicate renal sacs  
Sergio A. Muñoz-Gómez et al.

**Evolution/Phylogeny**  
*(Lobby, Faculty of Biology – Red Building)*

23 Integrating morphological, ontogenetic and molecular data to evaluate the phylogeny of ciliates: a case study on the highly controversial order Urostylida (Protista, Ciliophora)  
Xumiao Chen

24 Resolving an ongoing debate whether subclass Peritrichia (Ciliophora, Oligohymenophorea) is monophyletic based on a multi-locus analysis  
Zifeng Zhan et al.

25 The genus *Cochliopodium* Hertwig et Lesser, 1874 (Amoebozoa, Discosea): phylogenetic relationships, current state of taxonomy and further challenges  
Alexander Kudryavtsev et al.

26 *Amoeboradix* spp. represent a highly divergent lineage of parasitic eukaryotes potentially related to fungi  
Purificacion Lopez-Garcia et al.

27 Systematics and evolution of the cell coat in amoebae of the genus *Korotnevella* (Amoebozoa, Discosea)  
Ilya Udalov
28 Pinpointing the root of extant eukaryotic diversity: advances, challenges and consequences
Laura Eme et al.

30 Development of new nuclear gene markers in Ciliates using gene capture and next-generation sequencing
Jiamei Jiang et al.

31 Interclonal variability, autogamy, clonal life history, senescence and cohesion of histophagous species: *Tetrahymena rostrata*
Andrzej Kaczanowski et al.

32 Exploring the mitochondrial genomes of Amoebozoa in search of novel molecular markers: the emergence of a new barcode for Arcellinida
Quentin Blandenier et al.

33 Evolutionary significance of free-living *Preaxostyla*
Petr Táborský et al.

34 Comparative genome analysis of pedinophyte plastids and the pedinophyte-derived plastids in two dinoflagellates *Lepidodinium chlorophorum* and strain MRD-151.
Kounosuke Morita et al.

35 The protein pheromone family of *E. petzi*, a psychrophilic and early branching *Euplotes* species
Adriana Vallesi et al.

36 The Phylogenetic Analyses of Animal Pathogens in Enterobacteriaceae
Yanxia He

37 Expansion of the ‘reticulosphere’: diversity of novel branching and network-forming amoebae helps to define Variosea (Amoebozoa)
Cedric Berney et al.

38 Expanding the *Entamoeba* universe: new hosts yield novel ribosomal lineages
Alison Jacob

39 “Protist X”: a novel anaerobic sister lineage to metamonads
Yana Eglit et al.

40 Revising Amoebozoa systematics using phylogenomics from broad set of taxa
Seungho Kang et al.
41 Protists with eye-like organelles: the dinoflagellate *Erythropsidinium*
Fernando Gómez

42 Comparative proteomics of perisymbiont and digestive vacuoles in *Paramecium bursaria*
Toshinobu Suzaki et al.

Mann Kyoong Shin et al.

44 Investigating the diversity and evolution of *Neoparamoeba* species and their kinetoplastid endosymbionts
Shannon Sibbald et al.

45 Evolution of the “unconventional” O$_2$-scavaging system in Diplomonads
Alejandro Jimenez-Gonzalez et al.

46 *Phytomonas nordicus*: the monoxenous trypanosomatid descended from plant parasites
Alexei Kostygov et al.

47 Molecular phylogeny of the family Ophryoscolecidae with emphasis on validity of the genus *Eodinium* (Entodiniomorphida, Ophryoscolecidae)
Franciane Cedrola et al.

48 Resting cyst morphology as a generic marker in the Tovelliaceae: a reassessment
Mariana Sofia Pandeirada et al.

49 Multigene analysis of Archamoebae (Amoebozoa: Conosa) shows that Entamoebidae represents a deep lineage of the group
Tomáš Pánek et al.

50 A combined 18S-28S rDNA dataset to elucidate higher-level relationships within Rhizaria, with focus on Endomyxa
Cedric Berney et al.

51 Mapping the diversity of Metopida and revealing new marine anaerobic ciliates hosting prokaryotic symbionts
Johana Rotterová et al.

52 Taxon-rich multigene phylogeny of the photosynthetic euglenoids (Euglenophyceae)
Jong Im Kim et al.
Tintinnids (Ciliophora, Spirotrichea, Choreotrichida) from China Seas: phylogenies based on three rDNA loci
Qianqian Zhang et al.

Phylogenomic analysis of Nassula sp., Nassula citrea, and Pseudomicrothorax dubius provides high support for a nassophorean clade
Denis Lynn et al.

Phylogenetic relationships within the class Heterotrichae (Ciliophora, Postciliodesmatophora) inferred from five molecular makers and morphological data
Noemi Fernandes et al.

Comparison of ultrastructure and chemical composition of the cell wall of Chlorella in free-living and endosymbiotic conditions
Rina Matsumoto et al.

Elucidating evolutionary relationships within Physaraceae (Amoebozoa) through a multilocus approach
Joaquina M. García-Martín et al.

A lineage-defining cytoskeletal structure of parabasalian parasites makes use of proteins that resemble intermediate filament proteins
Harald Preisner

Genome annotation of Acrasis kona
Sanea Sheikh et al.

Ultrastructure and phylogenetic position of a novel deep-branching kinetoplastid
Naoji Yubuki et al.

Iron Sulphur cluster assembly systems in Cryptophyta, Haptophyta, Stramenopila, Alveolata and Rhizaria share common features
Jan Pyrih et al.

Molecular phylogeny of peritrich ciliates (Ciliophora: Peritrichia), with emphasis on the rhabdostylids (Epistyliidae)
Roberto Júnio Dias et al.

Poster Session II (Tuesday 8th, 18.00-19.00 h)

Cell Biology
(Entrance hall Auditorium Maximum, Faculty of Computer Engineering)

Toxicology research on ultrastructure of ciliates
Ying Chen et al.
Study about the toxicity effects of the Hg$^{2+}$ and Cd$^{2+}$ on *Stentor coeruleus*
Xuan Wang et al.

The actin network as a structural basis of the *Amoeba proteus* nucleus
Mariia Berdieva et al.

Cytological characterization of *Euplotoides octocarinatus* (Carter, 1972) from Mexico, with data of its world geographic distribution and 18S rDNA sequence
Daniel Méndez Sánchez et al.

Uncovering the mating locus in diatom *Seminavis robusta*
Petra Bulankova

Release of *Holospora*-like bacteria in different ciliate species
Sergei Fokin

The colorless cortical granule of oxytrichids (*Ciliophora, Hypotrichida*) represents a new extrusive organelle
Xinpeng Fan et al.

Ion channels in dinoflagellates revealed by patch-clamping and analysis of transcriptomes
Ilya Pozdnyakov et al.

Morphological Changes In The Cytostome-Cytopharynx Complex Of *Trypanosoma cruzi* Epimastigotes During Cell Division
Carolina de Lima Alcantara et al.

3-dimentional analysis of dinoflagellate nucleus by electron microscopy
Chihong Song et al.

Participation of ESCRT-III proteins in erythrophagocytosis of *Entamoeba histolytica*
Yunuen Avalos-Padilla et al.

Investigation of the *Euglena gracilis* transcriptome and plastid proteome with a focus on plastid membranes evolutionary history and protein-targeting
Anna Vanclova et al.

Twin-arginine translocase in the mitochondria of the eukaryotic organism *Naegleria gruberi*
Markéta Petru et al.
76 Reduced version of bacterial secretion system in the mitochondrion of excavates
Lenka Horváthová et al.

77 High-resolution DAPI-banded chromosomes of dinoflagellate Prorocentrum minimum
Mariia Berdieva et al.

78 Anaerobic CIA pathway in Trichomonas vaginalis
Darja Stojanovová et al.

79 Targeting of C-tail anchored proteins into hydrogenosomes and endoplasmic reticulum of Trichomonas vaginalis
Petr Rada et al.

80 Synchronized and ER-associated division of Giardia intestinalis mitosomes
Luboš Voleman et al.

81 The Flagellar Apparatus of Cyanophora
Aaron Heiss

Taxonomy
(Lobby, Faculty of Biology – Red Building)

82 The diatom flora of Naoli River Wetland in Northeast China
Fan Yawen et al.

83 SEM studies on the morphology of certain marine planktonic dinoflagellates (Dinophyta) from Mexican Waters, including new species
David Hernández-Becerril

84 Comparison of Cell Division Patterns in the Tintinnid Genera Favella and Schmidingerella (Alveolata, Ciliophora, Spirotricha)
Sabine Dr. Agatha et al.

85 Diversity of Pleuronema spp. (Ciliophora, Scuticociliatia) in the Hangzhou Bay estuary, with reporting four new species
Hongbo Pan et al.

86 Dinoflagellate taxonomy and classification, a proposal
Mona Hoppenrath

87 Diversity of the diatom genus Frustulia in northern Europe
Vojtech Scharfen et al.

88 New Taxa Refresh the Phylogeny and Classification of Pleurostomatid Ciliates (Protozoa, Ciliophora, Litostomatea)
Lei Wu et al.
89 Taxonomy and phylogeny of Karyorelictean ciliates
Yuan Xu et al.

90 Molecular systematics of marine gregarine apicomplexans from Pacific tunicates: Linking surface ultrastructure and molecular phylogeny
Sonja Rueckert et al.

91 Morphological taxa delimitation of Dinophysales (Dinophyceae), with emphasis on Dinophysis and Phalacroma
Carmen Zinssmeister et al.

92 Paulinella longichromatophora sp. nov., a New Marine Photosynthetic Testate Filose Amoeba containing the Chromatophore
Myung Gil Park et al.

93 pH preferences in a diatom species complex
Pavla Urbanova et al.

94 Morphology and molecular phylogeny of two new Zoothamnium species (Ciliophora, Peritrichia, Zoothamniidae) and a suggestion of guideline to describe Zoothamniidae
Ji Hye Kim et al.

95 Phylogenetic species delimitation in the Eunotia bilunaris/flexuosa species complex (Bacillariophyta)
Pieter Vanormelingen et al.

96 Description and phylogenetic position of Corlissina maricaensis gen. nov., sp. nov. (Karyorelictea, Geleiidae), a new interstitial ciliate from Brazil, with redefinition of the family Geleiidae
Pedro Henrique Campello Nunes et al.

97 Some details of the lorica aperture of Lagenophrys discoidea (Peritrichia: Lagenophryidae) with scanning electron microscopy, and notes on its geographic distribution
Rosaura Mayén-Estrada et al.

98 Taxonomy, morphology and phylogeny of a new oligotrich ciliate -- Strombidium hongkongensis n. sp. (Protozoa: Ciliophora) from Clear Water Bay, Hong Kong
Zhuo Shen et al.

99 On the morphology of a new Spirostomum species (Ciliophora, Heterotrichnea) from Brazil
Inácio D. da Silva-Neto et al.
100 Vital species of *Flamella* (Amoebozoa: Variosea) isolated from ancient Arctic permafrost sediments
Lubov Shmakova et al.

101 Comparison of morphological and molecular data between two population of *Strombidinopsis minima* (Choreotrichia:Ciliophora) of Korea
Sun Young Kim

102 Diversity and systematics of thecamoebid amoebae (Amoebozoa: Discosea: Thecamoebidae)
Yelisei Mesentsev

103 Experimental and observational evidence of phenotypic plasticity on leidy’s butterfly, *Hyalosphenia papilio*
Matthieu Mulot et al.

104 Monograph of the family Euplotidae Ehrenberg, 1838 (Ciliophora, Spirotrichea)
Helmut Berger

105 Rumen ciliates in Brazilian sheep, with new records and redescription of *Entodinium contractum* (Entodiniomorphida: Ophryoscolecidae)
Roberto Júnio Dias et al.

106 Diversity of ciliates in two Wastewater Treatment Plants in Rio de Janeiro, Brazil
Luiggia Girardi Bastos Reis de Araújo et al.

**Ecology**
*(Lobby, Faculty of Biology – Red Building)*

107 Control of foraminifera by temperature, salinity and depth in the Yellow Sea sediments: a cross system comparison from intertidal zone to continental shelf
Yanli Lei et al.

108 Response of benthic protist communities to macroalgal and giant jellyfish blooms: regime shift in seafloor ecosystems
Kuidong Xu et al.

109 Is the altitude important for ciliates from tank bromeliads in Mexico?
Victor Romero-Niembro et al.

110 Gause was wrong: a practical use of functional and numerical responses
David Montagnes et al.
Response of testate amoebae and plant communities to peatland restoration: implications for community concordance
Emmanuela Daza Secco et al.

First record for the Americas of the giant ciliate *Loxodes rex*
Hunter N. Hines

Response of soil micro-eukaryotes to cadaver decomposition as assessed by high throughput sequencing
Monika K. Reczuga et al.

Assessing the responses of peatland micro-eukaryotes to climate change using next generation sequencing
Monika K. Reczuga et al.

Characterization of protist communities from granite weathering pits in a Spanish national park
Blanca Pérez-Uz et al.

Diversity of ciliate communities in a human-impacted river at a Spanish national park
Pablo Quintela-Alonso et al.

Obligate mixotrophy of the pigmented dinoflagellate *Polykrikos lebourae* (Dinophyceae, Dinoflagellata)
Sunju Kim et al.

Small freshwater ecosystems harbour complex protist communities characterised by seasonal dynamics and resilience
Ludwig Jardillier

MicroPolar - Diversity and dynamics of microbial eukaryotes in the Arctic
Egge Elianne Sirnæs et al.

Exploring the health risk of pathogenic protists contamination in recreational waters of a protected area
Pablo Quintela-Alonso et al.

*Trichodina domerguei* cf. *diaptomus*. in a warm-monomictic maar-crater lake: A vegetarian ectoparasite?
Miroslav Macek et al.

The impact of environmental changes on the diversity of symbiotic bacteria associated with ciliated protists
Jun Gong et al.

When a lake stops mixing – the fatal effects of warming on the protistan community
Gianna Pitsch et al.
| 127 | Microaerobic scuticociliates in a saline monomictic maar-crater lake Alchichica (Mexico) | Miroslav Macek et al. |
| 128 | Ciliates community in the assessment of impacts on Neotropical streams | Luiz Felipe M Velho et al. |
| 129 | Divergent patterns of common and rare taxa of planktonic ciliates and the influence of flood events in Neotropical floodplains | Luiz Felipe M Velho et al. |
| 130 | Structure and dynamic of planktonic ciliates community along the only remaining dam-free stretch of a great tropical river | Luiz Felipe M Velho et al. |
| 131 | The importance of herbivory by protists in a Neotropical floodplain system | Bianca Ramos Meira et al. |
| 132 | Hydrological connectivity determining metacommunity structure of planktonic heterotrophic flagellates | Fernando Miranda Lansac-Tôha et al. |
| 133 | Distribution of soil free-living amoebae’ trophic groups around roots of Zea mays micorized by Glomus intrarradices | Sandra Cortes Perez et al. |
| 134 | Host-parasitoid interactions: Parvilucifera sinerae infecting toxic marine dinoflagellates | Elisabet Alacid et al. |
| 135 | Epibiont ciliates on neotropical limnic gastropods: new records, composition and structure of the community assembly | Sthefane D’ávila et al. |
| 136 | Changes in ciliate populations in an intertidal microbial community with chronic exposure to petroleum hydrocarbons on Prudence Island in Narragansett Bay, Rhode Island | Gaytha Langlois et al. |

**Poster Session III** (Wednesday 9th, 15.00-16.00 h)

**Physiology and Metabolism**

*(Entrance hall Auditorium Maximum, Faculty of Computer Engineering)*
Presence of three antioxidant-systems (GSH/GR, TRX(SH$_2$)/TRXR and TRY(SH$_2$)/TRYR) in *Tetrahymena thermophila*: an integrated view of the stress response to metal(loid)s
Ana Martín-González et al.

Erythrins, new toxic metabolites from the eurialine ciliate *Pseudokeronopsis erythrina* used as chemical defense against predators
Andrea Anesi et al.

Physiological role of mitochondrial calcium uniporter (MCU) in the causative agent of Chagas Disease, *Trypanosoma cruzi*
Miguel Angel Chiurillo et al.

Chlorophyll catabolism generating cyclopheophorbide enols generated by autotrophic and heterotrophic euglenoids
Yuichiro Kashiyama et al.

Mitochondrial pyruvate carrier in *Trypanosoma brucei*
Zdenek Verner et al.

Similarities and differences of proteins involved in inorganic polyphosphate metabolism in bacteria and photosynthetic protists
Tomás Albi et al.

Sodium-translocating membrane pyrophosphatases, a novel strategy for ionic homeostasis in photosynthetic marine protists
Juan Manuel Madroñal et al.

Evaluation of biomass and fatty acid productivity of three microalgae for biodiesel production in continuous culture
Esperanza del Río et al.

Mitochondrial respiratory chain of an oyster parasite *Perkinsus marinus*
Motomichi Matsuzaki et al.

**Barcoding**
*(Entrance hall Auditorium Maximum, Faculty of Computer Engineering)*

Protistan nanofauna distribution in the mesoscale: species richness in 150 grassland soil samples
Paul Venter et al.

Amoebozoa-specific genes as potential DNA barcodes to study environmental diversity of amoebae
Natalya Bondarenko et al.

**Environmental Microbiology**
*(Lobby, Faculty of Biology – Red Building)*

137  Presence of three antioxidant-systems (GSH/GR, TRX(SH$_2$)/TRXR and TRY(SH$_2$)/TRYR) in *Tetrahymena thermophila*: an integrated view of the stress response to metal(loid)s
Ana Martín-González et al.

138  Erythrins, new toxic metabolites from the eurialine ciliate *Pseudokeronopsis erythrina* used as chemical defense against predators
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Paul Venter et al.

149  Amoebozoa-specific genes as potential DNA barcodes to study environmental diversity of amoebae
Natalya Bondarenko et al.

**Environmental Microbiology**
*(Lobby, Faculty of Biology – Red Building)*
Patchy-distributed ciliate (Protozoa) diversity of eight polar communities as determined by 454 amplicon pyrosequencing
Jae-Ho Jung et al.

Experimentally adapted *Tetrahymena thermophila* strains to extreme metal stress: differential and reversible *CdMT* gene amplification
Juan Carlos Gutiérrez et al.

*Chlamydomonas acidophila*: a polyextremophile photosynthetic protist isolated from Tinto river with a high resistance to heavy metal(loid)s
Ana Martin Gonzalez et al.

Candidate protozoa barcode genes in ecological research
Yan Zhao

Use of protozoa for assessing water quality in a mid-subtropical urban wetland ecosystem, southern China
Xinlu Shi

Land-use and climate factors drive soil ciliate diversity
Susana S. Santos et al.

Apusomonad environmental surveys establish new clades in both marine and fresh water environments
Guifré Torruella et al.

Accumulation of cesium in lipid droplets of *Paramecium bursaria*
Kyoko Nakata et al.

Proteomic analysis of atrazine stress response in *Chlamydomonas reinhardtii*
Angeles Cid et al.

Morphology, physiology and molecular phylogeny of two new halophilic heterolobosean amoeba-flagellates
Andrey Plotnikov et al.

Centrohelid heliozoa from saline and brackish inland water bodies of Russia
Andrey Plotnikov et al.

Benthic foraminifera as an indicator of environmental stress
Sergei Korsun et al.

A novel bio-monitoring system with the heliozoon *Raphidiophrys contractilis* for continuously detecting toxic substances in water
Chisato Yoshimura et al.
163 A comparison of some methods to quantify heterotrophic flagellates of different taxonomic groups
Alexandra Jeuck et al.

164 Evaluation of the sensitivity to zinc of three most common benthic ciliates and their naturally associated bacteria from a polluted tropical bay
José Augusto Pires Bitencourt

165 Grazing of Blepharisma americanum on toxic and non-toxic Microcystis aeruginosa cells
Genoveva Esteban et al.

166 Swarm v2: highly-scalable and high-resolution amplicon clustering
Micah Dunthorn et al.

167 Proteome profiles of phytoplanktonic protist species discriminated by MALDI-TOF mass spectrometry to assess the aquatic ecological quality
Lucía Arregui et al.

168 Biodiversity of protists and prokaryotes of two playa-lakes from Central Spain
Oscar Cabestrero et al.

169 Testate amoebae associated to biological soil crust of an intertropical desert in Mexico
Horacio Perez et al.

170 Free-living amoebae of an intertropical Mexican desert: driving the distribution of these communities in the soil?
Horacio Perez et al.

172 Global distribution and vertical patterns of a prymnesiophyte-cyanobacteria obligate symbiosis
Ana M Cabello et al.

173 Cryptosporidium and Giardia in raw and treated sludge from wastewater treatment plants
Yolanda Moreno et al.

174 Free-living amoebae in water sources by PCR and sequencing in Spain
Yolanda Moreno et al.

Parasitology
(Lobby, Faculty of Biology – Red Building)
ALTERATIONS IN THE CYTOPLASMIC STRUCTURES AND CYST WALL DURING DIFFERENTIATION OF *GIARDIA INTESTINALIS*
Victor Midlej et al.

INTESTINAL PARASITOSIS IN RELATION TO CD4+ T CELLS LEVELS AND ANEMIA AMONG HAART INITIATED AND HAART NAÏVE PEDIATRIC HIV PATIENTS IN MODEL ART CENTER, ADDIS ABABA, ETHIOPIA
Hylemariam Mihiretie Mengist

CHARACTERIZATION OF THE BIOLOGICAL ROLE OF THE MULTIFUNCTIONAL EHURE1-BP PROTEIN OF *ENTAMOEBA HISTOLYTICA*, DIFFERENT TO THE TRANSCRIPTION FACTOR
Javier Cázares et al.

IDENTIFICATION AND SUBCELLULAR LOCALIZATION OF A PUTATIVE SODIUM-CALCIUM EXCHANGER OF *ENTAMOEBA HISTOLYTICA*
Martha Iris Valle Solis et al.

FUNCTIONAL CHARACTERIZATION OF THE ABCG2 TRANSPORTER FROM THE PROTOZOAN PARASITE *LEISHMANIA*
Francisco Gamarro et al.

MOLECULAR AND PHYLOGEOGRAPHIC CHARACTERIZATION OF THE INFECTION BY *TRYPANOSOMA* SPP, IN CATTLE OF COLOMBIA
Jeiczon Jaimes

THE PREVALENCE OF CANINE ORAL PROTOZOA AND THEIR ASSOCIATION WITH PERIODONTAL DISEASE
Niran Patel et al.

*TOXOPLASMA GONDII* MOB1 SUB-CELLULAR LOCALIZATION AND ASSESSMENT OF ITS POTENTIAL ROLE IN PARASITE REPLICATION
Alexandre Leitão et al.

GENETIC DIVERSITY AND CLASSIFICATION OF PATHOGENIC BOVINE *EIMERIA* SPECIES FROM CENTRAL ANATOLIA REGION OF TURKEY BASED ON 18S rRNA, ITS-1 AND mt-COI GENES
Alparslan Yildirim et al.

PREVALENCE OF BOVINE COCCIDIOSIS IN CENTRAL ANATOLIA REGION OF TURKEY AND DEVELOPMENT OF A REAL TIME PCR ASSAY FOR DETECTION OF PATHOGENIC *EIMERIA* SPECIES
Onder Duzlu et al.

MOLECULAR CHARACTERIZATION AND EXPRESSION OF THE APICAL MEMBRANE ANTIGEN-1 (AMA-1) FROM *BABESIA BIGEMINA* KAYSERI/TURKEY STRAINS
Arif Ciloglu et al.

POSSIBLE PHYLOGENETIC POSITION OF THE PARASITIC DINOFLAGELLATE *SYLTODINIUM LISTII* DREBES (DINOPHYCEAE, GYMNOdiniales)
188 *Plasmodium (Novyella) unalis* cf. and *Plasmodium (Haemamoeba) lutzi* in *Turdus* spp. (Passeriformes) of the Atlantic Forest in southeastern of Brazil: morphological and molecular characterization
Marta D´Agost et al.

189 Paramyxida: emergence of an enigmatic order of invertebrate parasites
David Bass et al.

190 *Acanthamoeba* genetic diversity inside Drinking Water Treatment Plants
Angela Magnet D´Avila et al.

191 Oral trichomonads in cats and dogs
Pavlina Voborilova et al.

192 A new reproducible method for fast and efficient conversion of Chinese *Leishmania SC10H2* promastigote forms into amastigote forms in vitro
Jiao Li

193 Influence of *Mycoplasma hominis* on pathobiology of *Trichomonas vaginalis*
Pier Luigi Fiori et al.

194 Kinetics of circulating antibody response to *Trichomonas vaginalis*: clinical and diagnostic implications
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