



Symposium 2014

12.-14.6.2014



Venue: University of Veterinary and Pharmaceutical Sciences, Brno, Czech Republic

Title: Primate Parasitology: Development, Methods and Future

- ◆ no registration fee will be charged
- ◆ If you want to participate, please register by filling in this form: <http://www.hpi-lab.com/en/outcomes/events/international-conference> and send it to [polacikoval\(AT\)vfu.cz](mailto:polacikoval(AT)vfu.cz) by **May 15 2014 for active participation** and **June 5 2014 for passive participation**
- ◆ we cannot provide any financial support, but we will be happy to help you with arranging the travel and accomodation

Registration



Aims:

- ◆ to inform scientific audience about the state-of-art achievements in the field of primate parasitology
- ◆ to share ideas, lay grounds for future collaboration, discuss various methodological approaches
- ◆ to outline the future of the field, identify important challenges

Organizers:

- 1) **Laboratory for Infectious Diseases Common to Humans and (non-Human) Primates (HPI-lab)** shared by the **University of Veterinary and Pharmaceutical Sciences (UVPS)**, Brno, the Czech Republic and **Institute of Parasitology**, Biological Centre of Academy of Sciences of the Czech Republic (BC ASCR)
- 2) **Institute of Vertebrate Biology** of the Academy of Sciences of the Czech Republic (IVB ASCR)
- 3) **Evolutionary Physiology and Ecology Laboratory**, Indiana University, USA (EPE lab)
- 4) **Durham University**, UK (UDUR)

Scientific board:

David Modrý (HPI-lab)
 Michael Muehlenbein (EPE lab)
 Klara Petrzalkova (HPI-lab; IVB ASCR)
 Joanna M. Setchell (UDUR)

Managing committee:

Lenka Polačiková, Veronika Bumbálková



Please check the conference website for the program update:
<http://www.hpi-lab.com/en/outcomes/events/international-conference>



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Thursday 12.6.2014

Programme:

08:00 - 10:00 arrival/ registration

10:00 - 11:00 Keynote talk: Michael Muehlenbein (Indiana University, USA): Primate parasitology: history and methods

11:00 - 12:00 Keynote talk: Joanna M. Setchell (Durham University, UK): Primates and parasites: an editorial perspective

12:00 - 13:00 lunch

Opportunistic protists and helminthes:

13:00 - 14:00 Keynote talk: Jaco Verweij (St. Elisabeth Hospital, NL): Molecular tools to investigate helminths of primates

14:00 - 14:30 Barbora Kalousová (UVPS Brno, CR): Diversity and transmission of strongylid nematodes in CAR

14:30 - 15:00 Rui Sá (UVPS Brno, CR): Molecular phylogeny of *Trichuris* spp. recovered from colobines living in sympatry in Guinea-Bissau

15:00 - 15:30 Jana Petrášová (UVPS Brno, CR): Do we share the same anoplocephalid tapeworms with primates?

15:30 - 16:00 coffee break

16:00 - 17:00 Keynote talk: Lihua Xiao (Centre for Disease Control and Prevention, USA): Advanced molecular detection of enteric protists

17:00 - 17:30 Martin Kváč (Biology Centre AS CR, CR): *Cryptosporidium* and cryptosporidiosis in non-human primates

17:30 - 18:00 Bohumil Sak (Biology Centre AS CR, CR): Microsporidiosis in non-human primates

18:00 - 18:30 Ivan Čepička (Charles University, CR): Trichomonads of African great apes

18:30 - 19:00 Jana Petrášová (UVPS Brno, CR): Diversity of *Blastocystis* sp. infections in captive and free-ranging primates

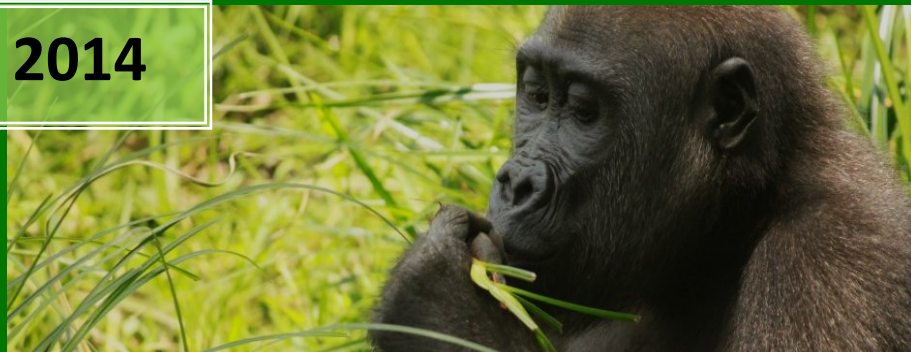
19:00 - 19:30 Diane Ryu (Emory University, USA): Molecular identification of *Entamoeba* spp. and the differentiation of non-commensal *Entamoeba histolytica* to understand health risks to endangered mountain gorillas in Rwanda

19:30 - 20:00 Liesbeth Frias (Kyoto University, Japan): *Giardia duodenalis* in faunal remains



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Friday 13.6.2014

Programme:

Taxonomy and virology:

- 10:00 - 11:00** Keynote talk: David Modrý (UVPS, Brno): What the names are for: taxonomy in medical parasitology
- 11:00 - 11:30 Kateřina Pomajbíková, Ilona Pšenková, David Modrý (Biology Centre AS CR, CR): Molecular diversity of intestinal ciliates
- 11:30 - 12:00 Jana Petrášová (UVPS Brno, CR): New insights into whipworm infections of primates
- 12:00 - 13:00** lunch
- 13:00 - 14:00** Keynote talk: Fabian Leendertz (Robert Koch Institute, Germany): Viruses and wild great apes
- 14:00 - 14:30 Kristýna Hrazdilová (UVPS Brno, CR): Anellovirus infections in primates
- 14:30 - 15:00 Eva Slaninková (UVPS Brno, CR): Adenovirus infections in Ugalla chimpanzees
- 15:00 - 15:30 Kristýna Brožová (UVPS Brno, CR): Widespread infection of parvoviruses in Ugalla chimpanzees
- 15:30 - 16:00** coffee break

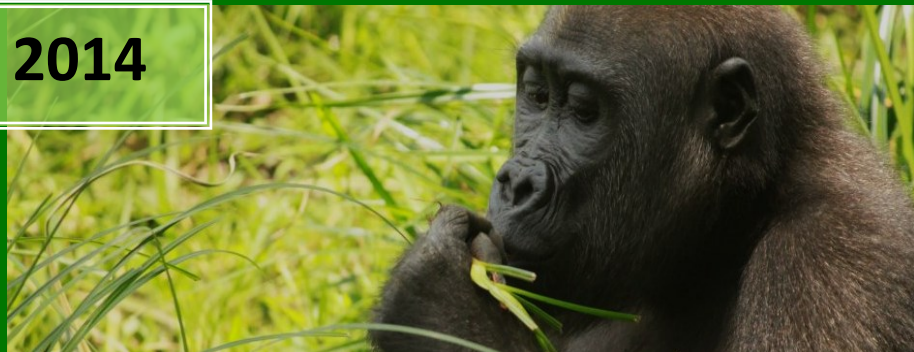
Bacteriology, NGS:

- 16:00 - 17:00** Keynote talk: Andres Gomez (Illinois University, USA): A Meta-"OMICS" systems approach to microbial community studies in non-human primates
- 17:00 - 17:30 Klára Vlčková (UVPS Brno, CR): Effects of antibiotic treatment on the gastrointestinal microbiota of free-ranging western lowland gorillas (*Gorilla g. gorilla*)



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Programme:

Saturday 14.6.2014

Blood parasites seen through "brown glass"

- 08:30 - 09:30** Keynote talk: Ananias Escalante (Arizona State University, USA): Phylogenetic systematic analyses of nonhuman primate malaras
- 09:30 - 10:30** Keynote talk: Julius Lukeš (Biology Centre, CZ): Trypanosome infections in primates
- 10:30 - 11:00 Mwanahamissi Issa Mapua (UVPS Brno, CR): Ecology of the western lowland gorillas malaria parasite in Dzanga Sangha Protected Areas, Central African Republic
- 11:00 - 11:30 Helene De Nys (Robert Koch Institute, Germany): Non-invasive investigation of epidemiological aspects of malaria infection in wild chimpanzees: effects of age and pregnancy
- 11:30 - 12:00 Erhan Yalcindag (Masaryk University, CR): *Plasmodium* species in monkeys: a look from out of Hominidae family
- 12:00 - 13:00** lunch
- 13:00 - 14:00** Keynote talk: Christopher Whittier (Tufts Cummings School of Veterinary Medicine, USA): Managing primate health in the wild: philosophy and practice
- 14:00 - 15:00** Keynote talk: Thomas Gillespie (Emory University, USA): Ecological and anthropogenic drivers of zoonotic disease transmission in primates
- 15:00 - 15:30 coffee break
- 15:30 - 16:00 departure