



## INTERDISCIPLINARY SUMMER SCHOOL Multidisciplinary and interdisciplinary aspects of host-parasites interactions

12<sup>th</sup>-15<sup>th</sup> of June 2017, Cluj-Napoca, Romania

Institute for Biodiversity, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania

**Event description:** The first edition of the Summer School “Multidisciplinary and interdisciplinary aspects of host-parasites interactions” will take place in the beautiful city of Cluj-Napoca, in Transylvania, being hosted by the University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca. The event brings together international experts in the fields of parasitology, evolutionary sciences, psychology, ethology, biostatistics and behavioral ecology. The specific aim of the event is to immerse the participants in the multidisciplinary and interdisciplinary aspects of host-parasites interactions, by offering challenging lectures on topics such as: Darwinian medicine, parasites-associated behavioral and psychological changes in humans, parasites and the evolution of sex, parasites and food webs, immunological aspects of host-parasites interactions and social parasites.

**Participants:** A maximum number of 40 participants will be accepted. The event targets undergraduate and postgraduate students, scholars and researchers in the fields of biology, ecology, veterinary and human medicine, psychology, behavioral sciences and connected areas.

**Credits:** 2 ECTS credits are awarded upon the completion of the program.

**Registration fee:** 90 EUR before 15 April 2017 (120 EUR after 15 April or on site). The fee covers the conference bag, coffee breaks, lunches, the welcome cocktail and the gala dinner. The fee does not cover accommodation (this has to be managed by each participant) and additional activities. The details for payment of fees will be sent by email, after registration.

**Additional activities:** The trip to Turda Salt Mine and Rîmetea Village (32 EUR/person) includes transportation, English tour guide, entry fees and traditional lunch. Details on this day trip here: <http://citytoursevents.com/blog/natures-miracles-of-turda-and-rimetea/>

**All participants must register here:**

[https://docs.google.com/a/usamvcluj.ro/forms/d/e/1FAIpQLSf3wmVAJL3bB5y7NrJNDtnhu6AcT aBbTGY0Dse\\_Tea9vBsYfw/viewform](https://docs.google.com/a/usamvcluj.ro/forms/d/e/1FAIpQLSf3wmVAJL3bB5y7NrJNDtnhu6AcT aBbTGY0Dse_Tea9vBsYfw/viewform)



## Event agenda

### Monday, 12 June 2017

- 17:00-19:00** Honorary talk: **How to tame a fox (and build a dog)**  
**Lee Alan Dugatkin** (Louisville University, USA)
- 19:00-19:30** Photo exhibition: **Moments of life: animals, humans and wild places**  
**Andrei D. Mihalca & Gianluca D'Amico** (USAMV Cluj-Napoca, Romania)
- 19:30-21:00** *Welcome cocktail*

### Tuesday, 13 June 2017

- 09:00-10:30** **Darwinian medicine: What is Darwinian medicine and why do we need it? The six tenets of Darwinian medicine**  
**Lee Alan Dugatkin** (Louisville University, USA)
- 10:30-11:00** *Coffee break & Free talk*
- 11:00-12:30** **Parasites and the evolution of sex: Why parasites are central to evolutionary models of sexual reproduction?**  
**Lee Alan Dugatkin** (Louisville University, USA)
- 12:30-14:00** *Lunch break*
- 14:00-15:30** **Human sexual behavioral correlates and expressions in the context of host-parasite interactions: The case of *Toxoplasma gondii***  
**Alina S. Rusu** (Babeş-Bolyai University, Romania)
- 15:30-16:00** *Coffee break & Free talk*
- 16:00-17:00** **On the delusional parasitosis: Individual psychological vulnerabilities**  
**Carmen Costea-Bărluțiu** (Babeş-Bolyai University, Romania)
- 17:00-17:30** **Social cohesion at challenge: intimate relationships between ants and parasitic fungi**  
**Bálint Markó** (Babeş-Bolyai University, Romania)  
*Authors: Bálint Markó, Enikő Csata, Katalin Erős, Márta Osváth-Ferencz, Kriszta Kincsó Keresztes*
- 17:30-18:00** **The interference of an ectoparasitic fungus with kin-non-kin discrimination abilities in ants**  
**Enikő Csata** (Babeş-Bolyai University, Romania)  
*Authors: Enikő Csata, Kriszta Kincsó Keresztes, Bálint Markó, Luca Pietro Casacci, Magdalena Witek, Jürgen Heinze, Joachim Ruther*
- 19:30-21:30** *Gala dinner - Restaurant Valahia*



### Wednesday, 14 June 2017

- 09:00-10:30** **Parasites and sexual selection**  
**Lee Alan Dugatkin** (Louisville University, USA)
- 10:30-11:00** *Coffee break & Free talk*
- 11:00-12:30** **Statistics in Parasitology**  
**Lajos Rózsa** (Hungarian Academy of Sciences, Hungary)
- 12:30-14:00** *Lunch break*
- 14:00-15:30** **Conservation biology of parasites**  
**Andrei D. Mihalca** (USAMV Cluj-Napoca, Romania)
- 15:30-16:00** *Coffee break & Free talk*
- 16:00-17:00** **Parasites and food-webs: the case of *Eustrongylides***  
**Andrei D. Mihalca** (USAMV Cluj-Napoca, Romania)
- 17:00-17:30** **Physiological pace of life: the link between constitutive immunity, oxidative stress and life history in European birds**  
**Péter L. Pap** (Babeş-Bolyai University, Romania)  
*Authors: Péter L. Pap, Gergely Osváth, Orsolya Vincze, Csongor I. Vágási*  
*Free evening*

### Thursday, 15 June 2017

- 09:00-10:30** Honorary talk: **The human-companion animal relationship, including intercultural aspects, and international aspects of animal-assisted intervention**  
**Dennis C Turner** (Institute for Applied Ethology and Animal Psychology, Switzerland)
- 10:30-11:00** **Closing ceremony**
- 09:00-15:00** *Day Trip to Salina Turda & Rîmetea village (optional)*