



Symposium Program

August 31st - September 1st, 2016

August 31st, 2016

07:30 - 09:30 | Registration

09:45 - 10:00 | Opening ceremony

Keynote Speaker

10:00 - 10:45 | Alexey S. Kondrashov - "Evidence for evolution: XXI century perspective"

10:45 - 11:15 | Tea/coffee break

Session 1 - (Chair: Mehmet Somel)

11:15 – 11:30 | Alexey Yanchukov - "A general framework to study genome-wide associations in hybrid zones with high-resolution genome coverage: example of gene Copy Number Variant data"

11:30 – 11:45 | Oleksandr I. Zinenko - "Phylogeny, phylogeography, taxonomy and evolution of small European vipers: why we need all types of markers"

11:45 – 12:00 | Eren Ada - "A new insight into the phylogeography of the European Green Lizard"

12:00 - 13:30 | Symposium Lunch

Keynote Speaker

13:30 - 14:15 | Matteo Fumagalli - "Detecting adaptive evolution in the high-throughput sequencing era"

Session 2 - (Chair: Gürkan Semiz)

14:15 - 14:30 | C. Can Bilgin - "First molecular findings for the Anatolian Leopard (*Panthera pardus tulliana*) imply an extended range eastwards and a reassessment of subspecies level taxonomy"

14:30 - 14:45 | Kahraman İpekdal - "Detection of hybridization from microsatellites: a case study using the genus *Thaumetopoea* (Lepidoptera)"



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- 14:45 - 15:00 | Ferhat Kaya - "Late Miocene biogeography of the Old World savanna mammals and the origins of the East African savanna biome!"
- 15:00 - 15:15 | David Tarkhnishvili - "Combination of modeling and genetic data for allocation of Tertiary refugia in the Caucasus"
- 15:15 - 15:30 | Tamer Albayrak - "Phylogeography and genetic diversity of Anatolian avifauna: A mtDNA perspective"
- 15:30 - 16:30 | Poster Session (including tea/coffee)**
- 16:30 - 18:30 | Panel and discussion on the conservation of biodiversity in Turkey (in Turkish)**
- 19:30 – 21:00 | Annual General Assembly of Ecology and Evolutionary Biology Society of Turkey (in Turkish)**

September 1st, 2016

Keynote Speaker

- 09:15 - 10:00 | Anders Götherström - " The demography of the neolithisation, the greatest story in our history."**

Session 3 - (Chair: S. Bülent Alten)

- 10:00 - 10:15 | Alexander Gavashelishvili - "Glacial human refugia and landscape permeability explain the current genetic structure of human populations better than language or ethnicity"
- 10:15 - 10:30 | Emre Keskin - "Environmental DNA MetaBarcoding approach in biodiversity Assessment of a lake ichthyofauna"
- 10:30 - 10:45 | Mehmet Somel - "Autism spectrum disorder in context of human brain evolution"
- 10:45 - 11:00 | Mine Altınlı - "The effect of *Wolbachia* genetic diversity on the prevalence of *Culex pipiens* densovirus (CpDV) in natural *Cx. pipiens* populations in Tunisia"
- 11:00 - 11:30 | Tea/coffee break



Session 4 - (Chair: Nüzhet Dalfes)

- 11:30 - 11:45 | Anıl Soyumert - "The lynx in the Western Black Sea Region of Anatolia: An update on local distribution"
- 11:45 - 12:00 | Nur Filiz - "How phytoplankton community response to extreme temperature and nutrient stressors: using a heated mesocosm experiment"
- 12:00 - 12:15 | Korhan Özkan - "Danish lake plankton: opportunities of analysing long term monitoring datasets"
- 12:15 - 12:30 | Remzi Atlıhan - "Assessment of temperature-mediated changes in predation rates: A case study of the green lacewing, *Chrysoperla carnea*, at different temperatures"

12:30 - 14:00 | Poster Session (including lunch)

Session 5 - (Chair: Utku Perktaş)

- 14:00 - 14:15 | Raşit Bilgin - "The intertwined effects of geographic barriers, palaeoclimate and life history on the distribution of genetic diversity: A case study with two marine species in the eastern Mediterranean"
- 14:15 - 14:30 | Dilan Saatoğlu - "Genetic diversity of gazelles (*Gazella marica* and *Gazella gazella*) in Southeast Turkey: Special emphasis on ongoing conservation studies of *Gazella marica* in Turkey"
- 14:30 - 14:45 | Mert Kükrer - "Adaptive traits of Turkish honeybee subspecies in response to climate: A survey and a test of niche overlap"
- 14:45 - 15:00 | Uğur Işkın - "Zooplankton community structure under the impact of heat waves and nutrient enrichment: A mesocosms approach"
- 15:00 - 15:30 | Tea/coffee break

Session 6 - (Chair: Ayşegül Birand)

- 15:30 - 15:45 | Erol Akçay - "Social inheritance in animal social networks and its consequences"
- 15:45 - 16:00 | İsmail Bekar - "The role of anthropogenic and natural factors in shaping recent fire regimes in Mediterranean ecosystems"



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16:00 - 16:15 | Özge Tutar - "Oxidative stress response of *P. oceanica* and *C. nodosa* to short-term heat stress"

16:15 - 16:30 | Ezgi Özkurt - "Genome evolution of the fungal grass pathogen *Zymoseptoria pseudotritici* following homoploid hybrid speciation"

Closing Session

17:00 – 18:00 | Poster & presentation awards, concluding remarks, and closing ceremony