



**XI International Symposium
on Mediterranean
Lacertid Lizards**
- 27 / 28 Sept. 2021 -

Symposium Programme

Monday 27 September 2021

09:00-09:10 **OPENING**

MORPHOLOGY SESSION

09:10 INVITED PLENARY LECTURE

Antigoni Kaliontzopoulou - *Universitat de Barcelona, Spain and CIBIO/InBIO, Porto, Portugal*

Lacertid lizards as models for understanding phenotypic evolution in Mediterranean ecosystems

10:10 Carolina Reyes-Puig, Urtzi Enriquez-Urzelai, Antigoni Kaliontzopoulou

Linking static allometries to macroevolutionary patterns in green lizards: a test for Rensch's rule

10:30 Renáta Kopena, Pilar López, José Martín

Morphology and sexual signals of male lizards *Lacerta schreiberi* may explain their space use and mating strategies

10:50 Enrico Lunghi, Marta Biaggini, Claudia Corti

Implementing the use of digital images in studies on lizards

10:50-11:20 **COFFEE BREAK**

11:20 Sabina E. Vlad, Danielle A. Klomp, Guillem Perez i de Lanuza, Zbyszek Boratyński, Miguel A. Carretero

Using scars to infer sexual selection in a polymorphic lizard

11:40 Hélder Cabo, Guillem Pérez i de Lanuza, Miguel A. Carretero

A functional approach to sexual selection, tested in the wall lizards *Podarcis bocagei*

12:00 Irene Fernández-Rodríguez, Florentino Braña

Functional and allocation conflicts of autotomy and regeneration: an integrative approach with a lacertid lizard as a model

12:20-14:00 **LUNCH BREAK**

FUNCTIONAL ECOLOGY SESSION

- 14:00 Liran Sagi, Amos Bouskila
Demographic separation in populations of desert chameleons that live in spatial overlap
- 14:30 Anamarija Žagar, Veronica Gomes, Neftalí Sillero
Microhabitat use, activity and selected temperatures of sympatric *Iberolacerta horvathi* and *Podarcis muralis*
- 14:50 Urban Dajčman, Miguel A. Carretero, Rodrigo Megía-Palma, Ana Perera, Rok Kostanjšek, Anamarija Žagar
Shared blood parasite infections may drive competition dynamics in lacertids
- 15:20 Miguel A. Carretero, Julia Cao, Verónica Gomes, Neftalí Sillero, Guillem Pérez i de Lanuza, Rodrigo Megía-Palma
Infection of *Podarcis muralis* by haemogregarines suggests shift in host-parasite balance between colour morphs
- 15:40 Ferran de la Cruz, Guillem Pérez i de Lanuza, Enrique Font
Sexual selection and environmental conditions drive interpopulation differences in the design of a UV signal in wall lizards (*Podarcis muralis*)
- 16:00 Lekshmi B. Sreelatha, Zbyszek Boratyński, Miguel A. Carretero, Guillem Pérez i de Lanuza, Danielle A Klomp, Verónica Gomes, Pedro Andrade, Oleksandra Oskyrko
Do the colour morphs of European wall lizards differ in temporal trends of locomotion?
- 16:20-16:50 COFFEE BREAK**
- 16:50 Anamarija Žagar, Urban Dajčman, Rodrigo Megía-Palma
Biological interactions and traits of metabolism in two sympatric lacertids
- 17:10 Abderrahim S'khifa, Miguel A. Carretero, D. James Harris, Tahar Slimani
Ecophysiological conservativeness and size-mediated plasticity in the high mountain lizard *Atlantolacerta andreanskyi* confirm its vulnerability to climate change
- 17:30 Emiliya Vacheva, Borislav Naumov
A contribution to the knowledge on the diet and food preferences of *Darevskia praticola* (Reptilia: Lacertidae)

Tuesday 28 September 2021

EVOLUTION SESSION

09:00 INVITED PLENARY LECTURE

David Tarkhnishvili - *Ilia State University, Tbilisi, Georgia*

Speciation in rock lizards of the Caucasus: isolation and niche shift

10:00 André Vicente Liz, Dennis Rödder, Duarte Vasconcelos Gonçalves, Guillermo Velo-Antón, Philippe Geniez, Pierre-André Crochet, José Carlos Brito

Phylogeny and biogeography of the *Acanthodactylus scutellatus* species complex in North Africa

10:20 Catarina Rato, Neftalí Sillero, Francisco Ceacero, Enrique García-Muñoz, Miguel A. Carretero

A survival story: evolutionary history of the Iberian algyroides, an endemic lizard relict

10:40 Oleksandra Oskyrko, Lekshmi B. Sreelatha, Iolanda Silva-Rocha, Tibor Sos, Sabina E. Vlad, Dan Cogălniceanu, Tavakkul M. Iskenderov, Igor V. Doronin, Miguel A. Carretero

Molecular analysis of recently introduced populations of the Italian wall lizard (*Podarcis siculus*) in SE Europe and SW Asia confirm invasiveness at species level

11:00-11:30 **COFFEE BREAK**

CONSERVATION SESSION

11:30 Michele Chiacchio, Annegret Grimm-Seyfarth, Klaus Henle

Effects of ski-runs' habitat structure on the occupancy of *Zootoca vivipara*

11:50 Shahar Gofer, Amos Bouskila, Oded Berger-Tal

Thermal conditions determine lizards' response to oil contamination in a desert habitat

12:10 Oleksandra Oskyrko, Daniel Jablonski

The first comprehensive data on the distribution of lizards (Lacertidae) within the Southern Bug eco-corridor, Ukraine

12:30-12:45 **CLOSING**

12:45-13:15 **SCIENTIFIC COMMITTEE MEETING**

In line with the spirit of the Symposium that favours discussion, the Organizing Committee has reserved for each speaker 20 minutes for the oral presentation and related debate.

Those who have registered will receive a reminder email with the link for attending the Symposium.

The Abstract Book will be soon available on the Symposium website.