



## **PETAK 21. 05. 2021.**

07:30 – 08:55 Prijava sudionika u sustav Adobe Connect

09:00 – 09:20 Otvorenje skupa, uvodna riječ

### **SEKCIJA Temeljne pretkliničke znanosti**

Voditelji sekcije: Maja Belić (HR), Duje Lisičić (HR), Maja Popović (HR)  
i Ana Shek Vugrovečki (HR)

#### **Pozvana predavanja**

09:25 – 09:55 **Why is reptile skin covering so similar, but then again so different from mammals?**  
Valentina Kubale (SI)

10:00 – 10:30 **To be or not to be aggressive – the importance of agonistic behaviour and reptiles as an animal's models for aggressivity**  
Duje Lisičić (HR)

#### **Usmena izlaganja**

10:35 – 10:45 **Morphological characteristics of lizard skin (Lacertilia, Squamata)**  
Lucija Bastiančić (HR), Nikolina Škvorc, Snježana Kužir

10:50 – 11:00 **Comparison of new digital morphometric method with traditional method in lizards**  
Tomislav Gojak (HR), Marko Glogoški, Dunja Šikić, Duje Lisičić, Sofia Ana Blažević

11:05 – 11:15 **Impacts of climate changes on marine turtles nesting behavior and hatching**  
Arthur Bracq-Bouveau (F), Ivona Žura Žaja, Ana Shek Vugrovečki, Srebrenka Nejedli

11:20 – 11:30 **Blood fatty acid composition of corn snakes (*Pantherophis guttatus*) - a preliminary study**  
Lana Pađen (HR), Ivančica Delaš, Josip Miljković, Ivona Žura Žaja, Ana Shek Vugrovečki, Danijela Horvatek Tomić, Laura Čakić, Jasna Aladrović



## **11:35-11:50 PAUZA**

- 11:55 – 12:05 **Hematological parameters of marginated tortoise (*Testudo marginata*)**  
Ana Komadina (HR), Maja Belić, Maja Lukač, Fran Barac, Ivan Cizelj, Marjan Benić, Mirna Robić
- 12:10 – 12:20 **Selected blood analytes in captive South American tortoises (*Chelonoidis* sp.) obtained from two different puncture sites**  
Elizabeth Moreira dos Santos Schmidt (BR), Rogério Ribas Lange, Manuel Lucas Javorouski, Rita Maria Venâncio Mangrich-Rocha

## **12:25 – 13:10 PAUZA ZA RUČAK**

## **13:10 – 15:10 // POSTER SEKCIJA// 5 min prezentacije**

Voditelji sekcije: Miloš Halan (SK), Amina Hrković Porobija (BA), Nino Maćešić (HR)  
i Marko Samardžija (HR)

### **1. Mysterious turtles' evolution**

Katja Čadež (SI), Tanita Ostrožnik, Anja Repše, Karmen Grubelić, Alenka Dovč

### **2. The morphological characteristics of certain tissues and organs in the turtle**

Ana Rebac (HR), Slaven Mlinarić, Srebrenka Nejedli

### **3. Do different types of semi-aquatic turtles have morphometrically different erythrocytes?**

Ana Shek Vugrovečki, Josip Miljković, Silvijo Vince, Nina Poljičak Milas, Petra Prgomet (HR), Laura Rodman, Danijela Horvatek Tomić, Marinko Vilić, Marta Radin, Snježana Čipčić, Anamaria Sluganović, Ivona Žura Žaja

### **4. The hippocampus of turtles and lizards**

Ena Krajina (HR), Iva Kuzman, Srebrenka Nejedli, Kim Korpes

### **5. Reptiles as model organisms used in high throughput behavioral setup in neuroscience**

Neven Marković (HR), Marko Glogoški, Tomislav Gojak, Dunja Šikić, Sofia Ana Blažević, Duje Lisičić

### **6. Leopard gecko morphs – the genetic background**

Aneta Piplica (HR), Ivan Vlahek, Ivana Sabolek, Velimir Sušić, Anamaria Ekert Kabalin



**7. Locomotor system adaptations of some lizard species**

Mihovil Matković, David Mihaljević (HR), Magdalena Kolenc, Srebrenka Nejedli

**8. Morphological specifications of the integumentary and locomotor system in lizards**

Marta Jazbec (HR), Srebrenka Nejedli

**9. Lateral coloration in two neighbouring populations of Italian wall lizard *Podarcis siculus***

Nika Jurković (HR), Leonarda Zečević (HR), Mihaela Marceljak Ilić, Ksenija Hocenski, Iva Pintarić, Diana Hews, Marko Glogoški, Duje Lisičić

**10. Gender differences in red blood cell morphometry parameters in corn snakes (*Pantherophis guttatus*)**

Ivona Žura Žaja, Josip Miljković, Silvijo Vince, Nina Poljičak Milas, Petra Prgomet, Laura Rodman (HR), Danijela Horvatek Tomić, Jasna Aladrović, Lana Pađen, Marinko Vilić, Suzana Milinković Tur, Ingo Ralph Albin Lobpreis, Ana Shek Vugrovečki

**11. Biosecurity for snakes and lizards**

Žan Štokar (SI), Danijela Zorko, Julija Herman, Lenka Jerele, Alenka Dovč

**12. The injuries and irregularity on the Albanian's tortoise shell - a field study**

Sokol Duro (AL), Bektaş Sönmez, Laurent Bardhaj, Ozan Gündemir, Joni Alushi

**13. The most venomous snake in Bosnia and Herzegovina – the nose-horned viper (*Vipera ammodytes*)**

Amina Hrković-Porobija, Lejla Velić, Izmir Kovčić (BA), Toni Eterović

**14. Prevalence of parasitic helminths in snakes imported to Slovakia**

Miloš Halán (SK), Lenka Rečičárová

**15. Computed tomography in chelonians**

Ana Gross (HR), Ema Dojčinović, Maja Lukač, Hrvoje Capak

**16. Computed tomography in lizards**

Ema Dojčinović (HR), Ana Gross, Maja Lukač, Hrvoje Capak

**17. Mineral profile of the Green iguana semen collected by electroejaculator**

Ján Kováč (SK), Róbert Kirchner, Eva Tvrda

**15:10 – 15:25 PAUZA**

## **SEKCIJA Veterinarsko javno zdravstvo i kliničke znanosti**

Voditelji sekcije: Hrvoje Capak (HR), Andrea Gudan Kurilj (HR), Danijela Horvatek Tomić (HR)  
i Maja Lukač (HR)

### **Pozvana predavanja**

- 15:30 – 16:00     **Anaesthesia and analgesia in reptiles**  
Eva Cermakova (CZ)
- 16:05 – 16:50     **Soft tissue surgery in reptiles**  
Zdenek Knotek (CZ)
- 16:55 – 17:25     **A revolution in reptile husbandry: onan example of Chameleoculture, based on interdisciplinary approach from field science to captive propagation and veterinary medicine.**  
Petr Necas (CZ)

### **Usmena izlaganja**

- 17:30 – 17:40     **Comparison of the protein profile of snake venom of different species of the genus *Bitis***  
Magdaléna Polláková (SK), Zuzana Andrejčáková, Vladimír Petrilla, Barbora Bekešová, Radoslava Vlčková, Monika Petrillová, Drahomíra Sopková
- 17:45 – 17:55     **Is there any intraspecific variability in snake venom?**  
Josip Miljković (HR), Ana Shek Vugrovečki, Ivona Žura Žaja, Mirela Pavić
- 18:00 – 18:10     **Metastatic iridophoroma in two leopard geckos (*Eublepharis macularius*)**  
Henrieta Zborilova (CZ), Eva Cermakova, Janosch Dietz, Kim Oliver Heckers, Zdenek Knotek
- 18:15 – 18:25     **The most common injuries of free – living chelonians and their treatment**  
Anamarija Nevistić (HR), Tvrtko Mataušić, Maja Belić, Hrvoje Capak, Danijela Horvatek Tomić, Manuela Belajsa, Maja Lukač



- 18:30 – 18:40 **Surgical approach of wound management in reptiles**  
Siniša Faraguna, Iva Novak (HR), Srebrenka Nejedli, Ozen Smolec
- 18:45 – 18:55 **The value of clinical haematology in avian/reptile clinical practice – why, what and how?**  
Michaela Valašćanová (CZ), Zora Knotková, Zdeněk Knotek

### **19:00 – 19:05 Zaključci**

## **SUBOTA 22. 05. 2021.**

09:00 – 09:05 Uvod

### **SEKCIJA Temeljne pretkliničke znanosti**

Voditelji sekcije: Valentina Kubale (SI), Ksenija Vlahović (HR)  
i Ivona Žura Žaja (HR)

#### **Uvodno usmeno izlaganje**

- 09:05 – 09:25 **Special senses of phocid seals.**  
Ervoje Smodlaka (USA), Weal A. Khamas, Roman Pan, Ilana Galex, Hali Jungers, Mohammed Al-Tikriti, Josip A. Borovac, Brian A. Cohn, Lars Schmitz, Lauren Palmer, Marina Bukac

#### **Usmena izlaganja**

- 09:30 – 9:40 **Internal carotid circulation of the African green monkey (*Cercopithecus aethiops sabeus*)**  
Miloš Blagojević (RS), Ivana Nešić, Milena Đorđević, Dejana Čupić Miladinović, Damir Mihelić, Srebrenka Nejedli, Mirela Pavić



- 09:45 – 09:55 **Comparative anatomical and histological study between budgerigar (*Melopsittacus undulatus*) and lovebird (*Agapornis personata*) digestive system**  
Miroslav Vlašić (HR), Srebrenka Nejedli, Danijela Horvatek Tomić
- 10:00 – 10:10 **Limb regeneration in axolotl (*Ambystoma mexicanum*)**  
Tvrtko Mataušić (HR), Josip Miljković, Ana Shek Vugrovečki, Marinko Vilić, Mario Ostović, Marko Ružić, Ivona Žura Žaja
- 10:15 – 10:25 **Role of GLUT2 in amphibian freeze tolerance**  
Mirela Pavić (HR), Snježana Čurković, Ivana Prakatur

## **10:40 – 12:20 // POSTER SEKCIJA// 5 min prezentacije**

Voditelji sekcije: Miloš Blagojević (RS), Gordana Gregurić Gračner (HR), Lana Pađen (HR)  
i Danijel Špoljarić (HR)

### **1. Differences between amphibians and reptiles**

Iva Šumonja (SI), Nuša Poklukar, Eva Pretnar, Korina Oblak Trkov, Alenka Dovč

### **2. *Salamandra salamandra* – spots salamander**

Lejla Velić (BA), Amina Hrković Porobija, Toni Eterović

### **3. Some characteristics of the herpetofauna of the Plitvice lakes national park**

Eduard Kletečki (HR), Martina Podnar Lešić (HR), Srećko Leiner, Kate Šešelja, Denis Leiner

### **4. Raccoon dog (*Nyctereutes procyonoides*), an invasive species - first record in the Plitvice Lakes National Park**

Josip Kusak (HR), Maja Popović, Tomislav Gomerčić, Daniel Špoljarić, Ira Topličanec, Luka Pajurin, Slaven Reljić, Ana Kolarić, Ksenija Vlahović

### **5. Determination of sex in some pet birds by morphological features**

Vlatka Makovec (HR), Danijela Horvatek Tomić, Srebrenka Nejedli

### **6. Students' attitudes towards exotic pets**

Tina Bobić (HR), Pero Mijić, Mirjana Baban, Maja Gregić



**7. Experience of bearded dragon (*Pogona vitticeps*) owners in Eastern Croatia**

Maja Gregić (HR), Pero Mijić, Tina Bobić

**8. Alternative forage preparation in the feeding of some exotic browsers**

Nikica Jukić, Zvonimir Steiner (HR), Mirjana Baban, Maja Gregić, Tina Bobić, Pero Mijić

**9. Risks to environment and native animals posed by exotic alien species**

Ivana Sabolek (HR), Kristina Matković, Željko Pavičić, Srebrenka Nejedli, Aneta Piplica, Mario Ostović

**10. Social structure and spawning pattern in clownfish**

Antun Sačer (HR), Ivana Sabolek, Kristina Matković, Željko Pavičić, Mario Ostović

**11. Radiofrequency electromagnetic radiation and reptiles/amphibians**

Marinko Vilić (HR), Ivona Žura Žaja, Ana Shek Vugrovečki, Josip Miljković

**12. The common causes and indicators of poor welfare in pet rodents**

Gordana Gregurić Gračner (HR), Gabrijela Jurkić, Marija Lipar, Alenka Dovč, Ksenija Vlahović, Slavko Žužul, Damjan Gračner

**13. Comparative radiographic anatomy of pet rodents' teeth**

Tomislav Bureš (HR), Magdalena Kolenc, Kim Korpes, Zoran Vrbanac, Hrvoje Capak

**14. *Encephalitozoon cuniculi* in rabbits: review of clinical cases (2016 – 2021)**

Magdalena Bogović, Elizabeta Pongrac (HR), Gabrijela Jurkić Krsteska, Nada Kučer

**12:20 – 13:00 PAUZA ZA RUČAK**

**SEKCIJA Veterinarsko javno zdravstvo i kliničke znanosti**

Voditelji sekcije: Sokol Duro (AL), Gabrijela Jurkić Krsteska (HR), Albert Marinculić (HR)  
i Ivana Tlak Gajger (HR)

**Pozvana predavanja**

13:05 – 13:35 **A survey study on opinions and knowledge of veterinary students in Croatia about pet reptile species and their welfare**

Mario Ostović (HR), Ivana Sabolek, Aneta Piplica, Ivona Žura Žaja, Sven Menčik, Srebrenka Nejedli, Željka Mesić

- 13:40 – 14:10 **Distribution and impacts of an invasive species *Vespa velutina nigrithorax* in Europe**  
Ivana Tlak Gajger (HR)
- 14:15 – 14:45 **Challenges for the vet at modern zoos focusing on exotic mammals**  
Ingeborg Bata (HR)

### **15:00 – 15:20 DIVLJE SRCE ZAGREBA (Zoo Zagreb)**

#### **Usmena izlaganja**

- 15:25 – 15:35 **SLOEXO1 and SLOEXO2: Two interdisciplinary projects involving students, professors and corporate sector partners to make scientific and practical advances for exotic and other small animal pets**  
Peter Omejc (SI), Zlatko Golob, Miha Dvojmoč, Valentina Kubale
- 15:40 – 15:50 **Neonatal care of llamas and alpacas - a review**  
Dražen Đuričić (HR), Marko Samardžija
- 15:55 – 16:05 **Digesta passage rate in small herbivorous mammal as a model: A review**  
Maja Damjanović (HR), Vibor Roje, Nives Marčina, Dijana Beneta, Maja Lukač, Duje Lisičić
- 16:10 – 16:20 **Gastrointestinal stasis syndrome in rabbits**  
Gabrijela Jurkić (HR), Mirna Brkljačić, Ivana Kiš, Iva Šmit, Nada Kučer
- 16:25 – 16:35 **Some new perspectives on ferret husbandry and medicine**  
Maja Čonč (SI), Jožko Račnik

### **16:45 – 18:25 Ostale teme**

Voditelji sekcije: Josip Miljković (HR) i Mirela Pavić (HR)

#### **Usmena izlaganja**

- 16:50 – 17:10 **"Welt der Gifte" (World of Toxins) – an unique educational experience**  
Nils Kley (A)
- 17:15 – 17:35 **Keeping and breeding venomous snakes in captivity**  
Neven Vrbanić (HR)





2. međunarodni znanstveno – stručni skup o  
gmazovima i egzotičnim životinjama  
„REPTILIA“



17:40 – 18:00 **Reptile breeder from Slovenia**  
Aleš Mlinar (SI), Alenka Dovč

18:05 – 18:20 **A brief overview of the educational exhibition "Reptilomania +" from 2013 to 2021**  
Jasna Kusanović, Tvrtko Mataušić, Maja Kaniški, Yasmin I. Yeoman (HR),  
Anamarija Jurašinović, Katarina Borić

**18:25 –18:30 Zaključci i zatvaranje skupa**