

FRIDAY May 25th, 2018

08:00 – 08:55 Registration

09:00 – 09:15 Opening ceremony, introductory word

SECTION Basic preclinical sciences

Chairpersons: Valentina Kubale, Damir Mihelić and Maja Popović

Invited lectures

09:15 – 09:45 **Reptiles that give birth: viviparity phenomenon snake placenta**
Srdan Valentin Bavdek, Zlatko Golob, Zlatko Bježančević, Valentina Kubale

09:45 – 10:15 **Rapid evolution in Italian wall lizard (*Podarcis siculus*)**
Duje Lisičić, Iva Sabolić, Óscar Mira, Maja Šrut, Miguel Soares, Stuart Dennis, Dorotea Polović, Ivan Cizelj, Robert Bakarić, Marko Glogoški, Jessica Stapley, Anthony Herrel, Anamaria Štambuk

Oral presentations

10:15 – 10:25 **Presentation of the project “Creative path to knowledge” entitled: “Caring for the health and welfare of exotic animals in coexistence with people”**
Peter Omejc, Blaž Petelinek Ledinski, Nina Tome Škarja, Doroteja Križan, Evelina Olaj, Leja Hrovatin, Kaja Kastelic, Rok Malovrh, Jožko Račnik, Vlasta Jenčič, Franc Janžekovič, Zlatko Golob, Valentina Kubale

10:25 – 10:35 **The morphological characteristic of bone structure and cover system in turtles**
Slaven Mlinarić, Ana Rebac, Srebrenka Nejedli

10:35 – 10:45 **Sexual dimorphism in reptiles**
Tamara Špoljar, Josip Miljković, Borna Fleck, Srebrenka Nejedli

10:45 – 11:05 COFFEE BREAK

11:05 – 11:15 **Immunohistochemistry examination using vimentin and smooth muscle actin on reptile tissues**
János Gál, Emilia Isabella Gustavsén, Lucy Robson, Zoltán Orosi

11:15 – 11:25 **Specifics of sampling for genetic analysis in reptiles**
Snježana Čurković, Ivana Sabolek, Ana Rebac, Borna Fleck, Srebrenka Nejedli

- 11:25 – 11:35 **Choosing the appropriate dactyloscopic method for detection of papillary lines on the surface of corn snake (*Pantherophis guttatus*) shed skin**
Luka Pajurin, Dina Jelenčić, Ivana Barić, Ana Shek Vugrovečki, Josip Miljković, Daniel Špoljarić, Damir Mihelić, Gordan Mršić, Alenka Čretnik, Ksenija Vlahović, Maja Popović
- 11:35 – 11:45 **The diversity of reptiles in Međimurje County**
Ivana Rojko, Mihaela Mesarić, Ivana Sabolek
- 11:45 – 11:55 **Regulatory mechanisms of Vitamin D and calcium metabolisms in reptiles**
Ivona Žura Žaja, Marinko Vilić, Marko Samardžija, Ana Shek Vugrovečki, Silvijko Vince, Maša Efendić, Josip Miljković, Marta Radin, Suzana Milinković Tur
- 11:55 – 12:05 **Anatomical and physiological characteristics of the reptilian heart**
Ana Shek Vugrovečki, Josip Miljković, Stella Lukman, Maja Belić, Zoran Vrbanac, Ivona Žura Žaja
- 12:05 – 12:15 **Transepithelial glucose transport in reptile small intestine**
Mirela Pavić, Ivana Klarić, Miloš Blagojević, Hrvoje Lucić
- 12:15 – 12:25 **Fatty acid composition of different tissues in captive-reared and wild crocodylians – potential impact on human health**
Lana Vranković, Jasna Aladrović, Zvonko Stojević
- 12:25 – 12:35 **An overview of the most common physiological peculiarities in reptiles**
Josip Miljković, Ana Shek Vugrovečki, Maja Lukač, Borna Fleck

12:35 – 14:15 LUNCH BREAK

13:30 – 14:15 // POSTER SECTION//

Chairpersons: Nino Maćešić and Lana Vranković

SECTION Veterinary public health and clinical sciences

Chairpersons: Alenka Dovč, Andrea Gudan Kurilj and Danijela Horvatek Tomić

Invited lectures

- 14:15 – 14:45 **The Welfare of Reptiles in Zagreb Zoo**
Ingeborg Bata

- 14:45 – 15:15 **Wormy world of reptiles**
Albert Marinculić, Vanja Vrkić Šola
- 15:15 – 15:45 **Zoonotic microorganisms in reptiles**
Nevenka Rudan

15:45 – 16:05 COFFEE BREAK

Invited lectures

- 16:05 – 16:35 **Dystocia in reptiles – clinical cases**
Goran Bačić, Nino Maćešić, Tugomir Karadjole, Martina Lojkić, Nikica Prvanović, Iva Bačić, Maša Efendić
- 16:35 – 17:05 **Review of pathologic changes of the reptiles diagnosed at Department of veterinary pathology, Faculty of Veterinary medicine, University of Zagreb**
Marko Hohšteter

Oral presentations

- 17:05 – 17:15 **Snake envenomation (ophitoxemia) of domestic animals in Croatia - risk**
Maja Lang Balijsa, Marija Brgles, Beata Halassy
- 17:15 – 17:25 **Most important viral diseases in snakes**
Borna Fleck, Petra Dmitrović, Josip Miljković, Maja Lukač, Danijela Horvatek Tomić
- 17:25 – 17:35 **Euthanasia of reptiles**
Teja Rosa, Sara Raspor, Žiga Oražem, Alenka Dovč
- 17:35 – 17:45 **Basics of reptile anaesthesia**
Iva Novak, Niko Ivkić, Marija Lipar, Petra Dmitrović, Bojana Vidović, Ozren Smolec
- 17:45 – 17:55 **Radiographic findings in reptiles with metabolic bone disease**
Hrvoje Capak, Lucija Ciglar, Branimir Škrilin, Maša Efendić, Ivan Folnožić, Maja Lukač

18:10 – 19:00 Conclusions of the REPTILIA meeting and visit to the educational exhibition „REPTILOMANIJA+“

SATURDAY May 26th, 2018

09:00 – 12:00 **Visit to the Zagreb Zoo** - gathering at the Zoo will be at the eastern entrance, at the corner of Maksimirska Street and the Faculty Street. The map with the directions can be found on this link: <https://www.zoo.hr/how-reach-us>

12:00 Closing of the REPTILIA meeting

Poster section

- 1. Hematological parameters of *Trachemys spp.* from Maksimir lake in Zagreb**
Maja Belić, Maja Lukač, Dagmar Dančuo, Ana Šek Vugrovečki, Romana Turk
- 2. Radiographic anatomy of shell in different chelonian species**
Lucija Ciglar, Hrvoje Capak, Branimir Škrilin
- 3. Surgical management of a femur fracture in an Inland Bearded Dragon (*Pogona vitticeps*) – a case report**
Petra Dmitrović, Hrvoje Capak, Mirta Vučković, Marko Stejskal
- 4. Treating eye injury in a Hermann's tortoise (*Testudo hermanni*) – a case report**
Petra Dmitrović, Ena Oster, Ozren Smolec, Boris Pirkić
- 5. Scirrhous type of renal carcinoma in bearded dragon (*pogona vitticeps*) - case report**
Miloš Halán, Zuzana Ševčíková, Peter Major, Milan Oselský, Alica Kočišová
- 6. Special histological features of the skin in different reptile species**
Valentina Kubale, Vincent Cink, Maša Rutar, Maša Rajšp, Srebrenka Nejedli, Zlatko Golob, Alenka Dovč
- 7. Special Histologic Features of the Burmese python (*Python bivittatus*)**
Valentina Kubale, Urška Debenjak, Maša Rutar, Danijela Jemec, Srebrenka Nejedli, Alenka Dovč

- 8. Special histologic features of the Cuvier's Dwarf Caiman (*Paleosuchus palpebrosus*)**
Valentina Kubale, Špela Petkovšek, Maša Rutar, Maša Rajšp, Lara Zavrnik, Alenka Dovč
- 9. The effect of pentadecapeptide bpc 157 on the effects of injection long nosed viper venom into the muscle of rat**
Geor Marinac, Predrag Sikirić, Darko Kolarić, Maja Lang Baliija, Andreja Prevedar Crnić, Jelena Šuran
- 10. The fear of snakes among the people of Međimurje County**
Mihaela Mesarić, Ivana Rojko, Ivana Sabolek
- 11. New Caledonian giant gecko (*Rhacodactylus leachianus*) (CUVIER, 1829): presentation of scarce species**
Peter Omejc, Pia Cigler, Valentina Kubale
- 12. Dwarf shield-tailed agama (*Xenagama taylori*) (PARKER, 1935): presentation of scarce species**
Peter Omejc, Valentina Kubale
- 13. Management activities of the European pond turtle, *Emys orbicularis* (Linnaeus, 1758)**
Milan Oselský, Miroslava Oselská, Milos Halán, Milan Kánya
- 14. Morphological adaptation of fangs and salivary glands of venomous snakes**
Mislav Unger, Ivana Sabolek, Srebrenka Nejedli
- 15. Special histological features of the emerald tree boa (*Corallus caninus*)**
Neva Vajs, Monja Furman, Maša Rutar, Zlatko Golob, Valentina Kubale
- 16. Reptiles and radionuclides: more questions than answers**
Marinko Vilić, Ivona Žura Žaja, Ana Shek Vugrovečki, Jadranka Pejaković Hlede