

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 Organized visit to the Zagreb Zoo

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 Shek 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 Balija, 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