

## Curriculum Vitae – Prof. Zoran Tadić



- Work address:** University of Zagreb, Department of Biology, Division of Animal Physiology, Faculty of Science, Rooseveltov trg 6, HR-10000 Zagreb, Croatia, tel. +385 1 6189 705, fax. +385 1 4826 260, E-mail: [ztadic@biol.pmf.hr](mailto:ztadic@biol.pmf.hr)
- Personal web page:** <http://zaf.biol.pmf.unizg.hr/Tadic/> (in croatian)
- Date of birth:** April 18<sup>th</sup>, 1962 (58 years old)
- Education:** 1982 - 1986: BSc in Biotechnology (major: Biochemistry)  
1987 - 1992: PhD in Biotechnology (major: Microbiology & Microbial Genetics)
- Professional experience:** 1987 - 1988: Junior researcher/teaching assistant, Department of Animal Physiology, University of Zagreb, Croatia  
1988 - 1992: Researcher/teaching assistant, Department of Animal Physiology, University of Zagreb, Croatia  
1988 - 1989: Guest PhD student, Abteilung Virusforschung, Max-Planck-Institut für Biochemie, Martinsried/München, Germany (biology of the HBV-induced hepatocellular carcinoma)  
1992 - 1997: Teaching and research assistant, Department of Animal Physiology, University of Zagreb, Croatia  
1992 - 1993: Postdoctoral fellow, Krannert Institute of Cardiology, Undiana University School of Medicine, Indianapolis, USA (physiology of the atrial natriuretic peptide)  
1997 - 1999: Senior teaching and research assistant, Department of Animal Physiology, University of Zagreb, Croatia  
1999 - 2017: Assistant professor, Department of Animal Physiology, University of Zagreb, Croatia  
2017 – today Associate professor, Department of Animal Physiology, University of Zagreb
- Journal review:** *Acta Herpetologica, Animal Behaviour, Behavioral Ecology and Sociobiology, Comparative Biochemistry and Physiology A, Herpetological Journal, International Zoo Yearbook, Journal of Comparative Psychology, Journal of Ethology, Journal of Experimental Zoology A, Journal of Herpetology, Journal of Zoology, Natura Croatica, Periodicum Biologorum, Physiological and Biochemical Zoology, Zoology*
- Book review:** Lisa Yount: “Genetics and Genetic Engineering“, SysPrint d.o.o. (croatian translation), 2001, ISBN 9536786524, (whole book review) ([PDF](#)) ([original book](#))  
“Animals“, Mozaik knjiga (croatian translation), Zagreb, 2003, ISBN 9531960887, (review of the chapter “Amphibians and Reptiles“) ([original book](#))  
Judith Goodenough, Betty McGuire, Elisabeth Jacob: “Perspectives on Animal Behavior 3rd ed“, J. Wiley & Sons Inc., 2010, ISBN 9780470045176, <http://www.wiley.com/college/goodenough>, (review of chapters 3, 4, 6, 7, 10, 14, 15, 16, 17) ([PDF](#))  
Čedomil Lucu: “Fiziologija prilagodbe životinja u vodenom okolišu” (croatian textbook: “Physiology of adaptation to water environment”), ISBN 9789531212694, Profil International, 2012 ([PDF](#)) (whole book review)  
“Otok Silba: Prirodno i kulturno blago” (J. Mužinić, J. J. Purger, ur.) (croatian monograph on the island of Silba), ISBN 9789533310282, Sveučilište u Zadru, 2013 ([PDF](#)) (review of the chapter “Herpetofauna of Silba”)
- Community outreach:** 25 popular talks on general science, physiology and behaviour  
24 popular papers in various journals/bulletins on physiology/animal behaviour/animal ecology  
Script and participation in “The Secret World of Reptiles” TV series produced by the Croatian

Television (HTV) in 2006 (in croatian)

Participation in "Birds and People" documentary series on HTV (2 episodes) in 2002 (in croatian)

Participation in 24 programs or short sequences in various broadcasts on the Croatian TV (HTV), RTL and NOVA TV (mainly on snakes and various aspects of human and animal physiology, animal behaviour and animal ecology) (in croatian)

Participation in 42 radio programs on popular science on the Croatian Radio 1 (HR1) (extreme physiology of animals and humans, animal ecology, animal behaviour, reptiles, snakes, large carnivores), mainly in the series "*Beautiful New World*" and "*A Guide to Modern Times*" (in croatian)

### **Teaching/mentoring:**

#### ***Current courses:***

- 2007 - today: "Animal Physiology", the 3<sup>rd</sup> year BSc study of biology (concentration: Biology)
- 2008 - today: "Animal Ecophysiology", the 1<sup>st</sup> year, masters study of biology (concentration: Physiology & Immunology)
- 1999 - today: "Animal Behaviour", the 1<sup>st</sup> year masters study of biology (concentration: Ecology & Conservation Biology)
- 2005 - today: "Comparative Psychology", the 1<sup>st</sup> year BSc study of psychology, Croatian studies of the University of Zagreb
- 2004 – today: "Essentials of Ethology", the 3<sup>rd</sup> year of BSc study of wildlife and nature protection, Karlovac University of Applied Sciences, Karlovac
- 2006 - today: "Essentials of Animal Behaviour", PhD study of neuroscience, School of Medicine, University of Zagreb
- 2007 - today: "Integrative Physiology", PhD study of biology, Faculty of Science, University of Zagreb

#### ***Previous courses:***

- 1999 - 2007: "Animal Physiology", the 3<sup>rd</sup> year ecology students (undergraduate study)
- 1999 - 2007: "Animal Physiology", the 3<sup>rd</sup> year biology education students (undergraduate study)
- 1999 - 2007: "Animal Physiology", the 3<sup>rd</sup> year education in biology and chemistry students, University of Split, faculty of Science (undergraduate study)
- 2002 - 2007: "Animal Physiology", the 3<sup>rd</sup> year marine biology students, University of Split (undergraduate study)
- 2009 - 2011: "Neuroethology", PhD study of biology, Faculty of Science University of Zagreb
- 2006 - 2014: "Physiology", 1<sup>st</sup> year nursing students, Faculty of the Applied Health Sciences, Zagreb

#### ***Teaching statement:***

I think that students must be presented contemporary science in an exciting way, to develop interest in it. It is of key importance to give students a captivating presentation of integrative sciences such as physiology and animal behaviour. My goal is to attract students, through teaching but also through my research, to the above mentioned fields and to encourage them to develop an integrative approach, both theoretical and practical. Apart from the courses mentioned above, I can also teach the other physiology courses (e.g. human, parts of medical (cardiovascular, digestive), ecological, environmental and evolutionary physiology) as well as the various aspects of animal behaviour (e.g. behavioural and chemical ecology, neuroethology, behavioural endocrinology, sensory ecology). My goal in the future is to develop the course which will integrate physiological, ecological and behavioural aspects of animal phenotype.



- Supervising:** Co-supervision of 9 undergraduate/masters students  
Supervision of 51 undergraduate/masters students  
Supervision of 2 MSc students  
Supervision of 1 PhD student
- Honors and awards:** 1985: Rector's Award, University of Zagreb  
1987: "KRKA" award for the best BSc thesis, KRKA Pharmaceutical Company, Novo Mesto, Slovenia
- Service:** Member of the organizing committee, The 3<sup>rd</sup> International Symposium on the Lacertids of the Mediterranean Basin, Cres, Croatia, May 25 - 29, 1998 ([PDF](#))
- Research interests:** **Current:** Ecophysiology and animal behaviour; reptile ethology (specially of snakes and lizards), behavioural ecology and cognition (specially in snakes and lizards); evolution of complex physiological and behavioural traits in reptiles; body-centered integration of ecology, physiology and behaviour. Have intrinsic interest in large carnivores, specially cats. Interaction of social and life sciences in culture and religion.  
**Past:** biology and immunology of tumours and metastases; molecular diagnostics of livestock
- Other activities related to science & teaching:** Maintained the largest academic living snake research colony in Europe (<http://snakes.biol.pmf.unizg.hr/> - in croatian). The colony contained mainly S and SE Asian venomous snakes (*Trimeresurus*, *Calloselasma*), some african snakes (*B. arietans*, *A. lubricus*, *B. fuliginosus*, *B. capensis*, *G. colubrinus*, *P. regius*) and some N American colubrids (*P. guttatus*, *P. catenifer sayi*, *P. m. melanoleucus*, *P. m. lodingi*, *L. t. campbelli*). The colony produced a large number of young snakes each year, for various research and educational purposes. – On order of the Dean of the Faculty of Science, the colony was completely destroyed on December 22, 2017, for no apparent reason!
- Professional membership:** American Physiological Society, Society for Intergrative and Comparative Biology, The Association for the Study of Animal Behaviour, Society for the Study of Amphibians and Reptiles, Comparative Cognition Society
- Funding:** 1992 - 1996: "Tumors and Metastases: Biology and Treatment", Ministry of Science and Technology of Croatia, principal investigator: Prof. Ivan Bašić, grant number: 1-08-303 ([PDF](#))  
1996 - 2002: "Determination of the Malignant Hyperthermia Gene Status in Swine in Croatia", Ministry of Science and Technology of Croatia, principal investigator: Prof. Ivan Bašić, grant number: 119001 ([PDF](#))  
2002 - 2006: "Genes, Productivity and Biological Diversity of Livestock", Ministry of Science and Technology of Croatia, principal investigator: Prof. Ivan Bašić, grant number: 0119102 ([PDF](#))  
2007 - 2015: "Cognition and Perception in Snakes", Ministry of Science and Technology of Croatia, principal investigator: Prof. Zoran Tadić, grant number: 119-0000000-1285 ([PDF](#))  
2013 - 2015: "What does it take to be herbivorous lizard? Revealing the digestive anatomy and physiology of manipulated populations of *Podarcis sicula*." NSF-CNIC Project. Joint project of the University of California at Irvine, C.N.R.S. (France) and the University of Zagreb. Principal investigator: Prof. Donovan P. German, Center for Comparative and Evolutionary Physiology, Dept. of Ecology & Evolutionary Biology, University of California, Irvine, California, USA ([PDF](#)) ([grant approval](#)).  
2018 - 2020: "Food specialisation and adaptive divergence of head shape in island lizards", The National Geographic Society (NG) Grant, Voditelj projekta: Dr. Simon Baeckens, Universiteit Antwerpen, Antwerpen, Belgium ([PDF](#))  
2017 - today: "Genomic aspects of fast evolution of the Italian Ruin Lizard (*Podarcis*

*siculus*)”, Croatian Scientific Council (HRZZ), Principal investigator: Prof. Anamarija Štambuk, grant number: 9177 ([PDF](#))

2018 - today: “*The effect of within-cage environmental complexity on corn snake (Pantherophis guttatus) behaviour & welfare*”, The Royal Society for Prevention Cruelty to Animals“ (RSPCA) Grant, principal investigators: Prof. Oliver Burman i Prof. Anna Wilkinson, University of Lincoln, Lincoln, United Kingdom ([PDF](#))

#### Collaborators & extra-mural references:

Prof. Gordon Burghardt, Department of Psychology, University of Tennessee, Knoxville, Tennessee, USA, [web page](#), (reptile ethology and cognition)

Dr. Anthony Herrel, CNRS, Département d'Ecologie et de Gestion de la Biodiversité, Museum national d'histoire naturelle, Paris, France, [web page](#), (functional morphology and ecophysiology of reptiles)

Prof. Donovan German, Department of Ecology & Evolutionary Biology, Center for Organismal Biology, University of California, Irvine, California, USA, [web page](#), (ecophysiology of reptiles)

Prof. Anna Wilkinson, School of Life Sciences, University of Lincoln, Lincoln, UK, [web page](#), (reptile cognition)

Prof. Raoul van Damme, Laboratory for Functional Morphology, University of Antwerpen, Belgium, [web page](#), (functional anatomy and morphology, interaction of ecology, physiology and behaviour in reptiles)

(2002 - 2008) Prof. Daniel Simberloff, Department of Ecology & Evolutionary Biology, University of Tennessee, Knoxville, Tennessee, USA, [wikipedia](#), [web page](#), (invasive biology of the small indian mongoose (*Herpestes javanicus*) on the Adriatic islands)

#### Papers:

1. Gerenčer M., Valpotić I., Kaštelan Ž., Tadić Z., Bašić I. (1990) Lysis of autologous virus - infected cells by direct cytotoxicity and antibody - dependent cell - mediated cytotoxicity in lentiviral infection: Equine infectious anemia. *Period. Biol.* **92**: 45 - 46 ([PDF](#))
2. Tadić Z. (1992) Different transforming potential of normal and mutated hepatitis B virus X gene. *Libri Oncol.* **21**: 153 - 160 ([PDF](#))
3. Tadić Z., Bašić I. (1992) Retroviral expression of the hepatitis B virus X gene. *Croat. J. Gastroenterol. Hepatol.* **1**: 175 - 178 ([PDF](#))
4. Ćurić S., Tadić Z., Valpotić I., Sulimanović Đ., Bašić I. (1992) The effect of bee venom on tumor growth and metastasis formation of mammary carcinoma in CBA mice. *Vet. arhiv* **62**: S31 - S35 ([PDF](#))
5. Šver L., Oršolić N., Tadić Z., Njari B., Valpotić I., Bašić I. (1996) Royal jelly as a new potential immunomodulator in rats and mice. *Comp. Immun. Microb. Infect. Dis.* **19**: 31 - 38 ([PDF](#))
6. Bašić I., Tadić Z., Lacković V., Gomerčić A. (1997) Stress syndrome: Ryanodine receptor (RYR1) gene in malignant hyperthermia in humans and pigs. *Period. Biol.* **99**: 313 - 317 ([PDF](#))
7. Lacković V., Tadić Z., Vitković A., Bosnić P., Balenović T., Pleli A., Bašić I. (1997) Determination of the malignant hyperthermia (MH) gene status in swine in Croatia. *Period. Biol.* **99**: 433 - 435 ([PDF](#))
8. Bašić I., Oršolić N., Tadić Z., Alcici N. M. F., Brbot - Šaranović A., Bendelja K., Krsnik B., Rabatić S. (1998) Antimetastatic effects of propolis, caffeic acid phenethyl ester and caffeic acid on mammary carcinoma of CBA mouse. *17<sup>th</sup> International Cancer Congress* **1**: 63 - 75 ([PDF](#))
9. Lacković V., Gomerčić A., Tadić Z., Vitković A., Sušić V., Balenović T., Sabo D., Bašić I. (1998) Utvrđivanje statusa gena za malignu hipertermiju u farmakom uzgoju svinja u

Hrvatskoj. *Stočarstvo* **52**: 163 - 169 ([PDF](#))

10. Heulin B., Guillaume C. P., Vogrin N., Surget - Groba Y., Tadić Z. (2000) Further evidence of the existence of oviparous populations of *Lacerta (Zootoca) vivipara* in the NW of the Balkan Peninsula. *C. R. Biol.* **323**: 461 - 468 ([PDF](#))
11. Oršolić N., Šver L., Terzić S., Tadić Z., Bašić I. (2003) Inhibitory effect of water-soluble derivative of propolis and its polyphenolic compounds on tumor growth and metastasizing ability: A possible mode of antitumor action. *Nutr. Cancer* **47**: 156 - 163 ([PDF](#))
12. Oršolić N., Tadić Z., Benković V., Horvat A., Lojkić M., Bašić I. (2004) Radioprotective effect of a water-soluble derivative of propolis in mice. *Mellifera* **4 - 8**: 45 - 52 ([PDF](#))
13. Galov A., Byrne K., Đuras - Gomerčić M., Gomerčić T., Nushol Z., Vincek D., Kocijan I., Tadić Z., Benković V., Bašić I., Funk S. J. (2005) Effectiveness of nine polymorphic microsatellite markers in parentage testing in Posavina, Croatian Coldblood and Lipizzaner horse breeds in Croatia. *Livest. Prod. Sci.* **93**: 277 - 282 ([PDF](#))
14. Oršolić N., Tadić Z., Benković V., Horvat A., Lisičić D., Bašić I. (2006) Stimulation of hematopoiesis by a water-soluble derivative of propolis in mice. *Pharmacologyonline* **3**: 698 - 705 ([PDF](#))
15. Huyghe K., Vanhooydonck B., Herrel A., Tadić Z., Van Damme R. (2007) Morphology, performance, behavior and ecology of three color morphs in males of the lizard *Podarcis melisellensis*. *Integr. Comp. Biol.* **47**: 211 - 220 ([PDF](#))
16. Huyghe K., Breugelmans K., Small M., Tadić Z., Van Damme R., Vanhooydonck B., Backeljau T. (2009) Characterization of polymorphic microsatellite markers in the Dalmatian wall lizard *Podarcis melisellensis* (Squamata: Lacertidae). *Mol. Ecol. Resour.* **9**: 299 - 301 ([PDF](#))
17. Huyghe K., Herrel A., Adriaens D., Tadić Z., Van Damme R. (2009) It is all in the head: Morphological basis for differences in bite force among colour morphs of the Dalmatian wall lizard. *Biol. J. Linnean Soc.* **96**: 13 - 22 ([PDF](#))
18. Huyghe K., Husak J. F., Herrel A., Tadić Z., Moore I. T., Van Damme R., Vanhooydonck B. (2009) Relationships between hormones, physiological performance and immunocompetence in a color-polymorphic species, *Podarcis melisellensis*. *Horm. Behav.* **55**: 488 - 494 ([PDF](#))
19. Huyghe K., Small M., Vanhooydonck B., Herrel A., Tadić Z., Van Damme R., Backeljau T. (2010) Genetic divergence among sympatric colour morphs of the Dalmatian wall lizard (*Podarcis melisellensis*). *Genetica* **138**: 387 - 393 ([PDF](#))
20. Huyghe K., Van Oystaeyen A., Pasmans F., Tadić Z., Vanhooydonck B., Van Damme R. (2010) Seasonal changes in parasite load and a cellular immune response in a colour polymorphic lizard. *Oecologia* **163**: 867 - 874 ([PDF](#))
21. Strunjak-Perović I., Lisičić D., Čož-Rakovac R., Topić-Popović N., Jadan M., Benković V., Tadić Z. (2010) Evaluation of micronucleus and erythrocytic nuclear abnormalities in Balkan whip snake, *Hierophis gemonensis*. *Ecotoxicology* **19**: 1460 - 1465 ([PDF](#))
22. Lukšić B., Čulić V., Stričević L., Brizić I., Poljak N. K., Tadić Z. (2010) Infant death after nose-horned viper (*Vipera ammodytes ammodytes*) bite: A case report. *Toxicon* **56**: 1506 - 1509 ([PDF](#))
23. Petak I., Mrljak V., Tadić Z., Krsnik B. (2010) Preliminary study of breeding boars' welfare. *Vet. arhiv* **80**: 235 - 246 ([PDF](#))
24. Herrel A., Huyghe K., Oković P., Lisičić D., Tadić Z. (2011) Fast and furious: Effects of body size on strike performance in an arboreal viper *Trimeresurus (Cryptelytrops) albolabris*. *J. Exp. Zool. Part A* **315**: 22 - 29 ([PDF](#))
25. Čož-Rakovac R., Lisičić D., Šmuc T., Topić Popović N., Strunjak-Perović I., Jadan M., Tadić Z., Jug Dujaković J. (2011) Classification modelling of physiological stages in captive Balkan whip snakes using blood biochemistry parameters. *J. Herpetol.* **45**: 525 - 529 ([PDF](#))
26. Đikić D., Kolarić D., Lisičić D., Benković V., Horvat – Knežević A., Školnik Gadanac K.,

- Tadić Z., Oršolić N. (2012) Digital thermography in analysis of temperature changes in *Pelophylax ridibundus*. *Period. Biol.* **113**: 453 - 456 ([PDF](#))
27. Lisičić D., Drakulić S., Herrel A., Đikić D., Benković V. Tadić Z. (2012) Effect of competition on habitat utilization in two temperate climate gecko species. *Ecol. Res.* **27**: 551 - 560 ([PDF](#))
  28. Huyghe K., Vanhooydonck B., Herrel A., Tadić Z., Van Damme R. (2012) Female lizards ignore the sweet scent of success: male characteristics implicated in female mate preference. *Zoology* **115**: 217 - 222 ([PDF](#))
  29. Lisičić D., Đikić D., Benković V., Horvat-Knežević A., Oršolić N., Tadić Z. (2013) Biochemical and hematological profiles of a wild population of the nose-horned viper *Vipera ammodytes* (Serpentes: Viperidae) during autumn, with a morphological assessment of blood cells. *Zool. Stud.* **52**: 11 ([PDF](#))
  30. Vanhooydonck B., James R. S., Tallis J., Aerts P., Tadić Z., Tolley K. A., Measey G. J., Herrel A. (2014) Is the whole more than the sum of its parts? Evolutionary trade-offs between burst and sustained locomotion in lacertid lizards. *Proc. R. Soc. B* **281**: 20132677 ([PDF](#))
  31. Huyghe K., Van Damme R., Breugelmans K., Herrel A., Vanhooydonck B., Tadić Z., Backeljau T. (2014) Parentage analyses suggest female promiscuity and male athletic failure in the colour-polymorphic lizard *Podarcis melisellensis*. *Behav. Ecol. Sociobiol.* **68**: 1357 - 1366 ([PDF](#))
  32. Barun A., Simberloff D., Meiri S., Tvrtković N., Tadić Z. (2015) Possible character displacement of introduced mongoose and native marten on Adriatic islands, Croatia. *J. Biogeogr.* **42**: 2257 - 2269, doi: 10.1111/jbi.12587 ([PDF](#))
  33. Šlipogor V., Gunhold-de Oliveira T., Tadić Z., Massen J. J. M., Bugnyar T. (2016) Consistent inter-individual differences in common marmosets (*Callithrix jacchus*) in Boldness-Shyness, Stress-Activity and Exploration-Avoidance. *Am. J. Primatol.* **78**: 961 - 973, doi: 10.1002/ajp.22566 ([PDF](#))
  34. de Meester G., Lambreghts Y., Briesen B., Smeuninx T., Tadić Z., van Damme R. (2018) Hunt or hide: How insularity and urbanisation affect foraging decisions in lizards. *Ethology* **124**: 227 - 235, doi: 10.1111/eth.12722 ([PDF](#))
  35. Baeckens S., De Meester W., Tadić Z., Van Damme R. (2019) Where to do number two: Lizards prefer to defecate on the largest rock in the territory. *Behav. Process.* **167**: 103937, doi: 10.1016/j.beproc.2019.103937 ([PDF](#)) (the paper was presented on the web page of AAAS journal *Science* (September 12, 2019) ([PDF](#)) and science news page *Inside Science* (September 12, 2019) ([PDF](#)))
  36. Taverne M., Fabre A.-C., King-Gillies N., Krajnović M., Lisičić D., Martin L., Michal L., Petricioli D., Štambuk A., Tadić Z., Vigliotti C., Wehrle B., Herrel A. (2019) Diet variability among insular populations of *Podarcis* lizards reveals diverse strategies to face resource-limited environments. *Ecol. Evol.* **9**: 12408-12420, doi: 10.1002/ece3.5626 ([PDF](#))
  37. Jovanović Glavaš O., Počanić P., Lovrić V., Derežanin L., Tadić Z., Lisičić D. (2020) Morphological and ecological divergence in two populations of European glass lizard, *Pseudopus apodus* (Squamata: Anguillidae). *Zool. Res.* **41**: 172-181, doi: 10.24272/j.issn.2095-8137.2020.025 ([PDF](#))
  38. Wehrle B. A., Herrel A., Nguyen-Phuc B.-Q., Maldonado S., Dang R. K., Agnihotri R., Tadić Z., German D. P. (2020) Rapid dietary shift in *Podarcis siculus* resulted in localized changes in gut function. *Physiol. Biochem. Zool.* (accepted for publication) ([PDF](#))

#### Book chapters:

1. Tadić Z.: "Snakes as Experimental Animals", in: "Experimental Models in Biomedicine" (in croatian) (M. Radačić, I. Bašić, D. Eljuga, eds.), Medicinska naklada, Zagreb, 2000, 155 - 158 ([PDF](#))
2. Tadić Z.: "Why do Animals Live in Groups?", in: "Evolution of Sociality" (in croatian) (D. Polšek, J. Hrgović, eds.), Jesenski i Turk Publishers, Zagreb, 2005, 29 - 38 ([PDF](#))

## Abstracts:

1. Bašić I., Kaštelan Ž., Eljuga D., Kaštelan M., Oršolić N., Tadić Z. (1994) Antimetastatic efficacy of levamisole and 5 - FU as adjuvant to surgery of rat colonic adenocarcinoma. Book of Abstracts of the 5<sup>th</sup> International Congress of the Metastasis Research Society, Bethesda, USA. *Clin. Exp. Metastasis* **12**: Abstract No. 267
2. Bašić I., Kujundžić M., Kaštelan M., Oršolić N., Tadić Z. (1994) Effect of locally administered cytostatic therapy and BRM on liver metastasis of a colon tumor in the rat. The 16<sup>th</sup> International Cancer Congress, New Delhi, India
3. Ćurić S., Tadić Z., Oršolić N., Šamija M., Kujundžić M., Bašić I. (1994) Control of liver metastasis formation by splenic tumoricidal macrophages activated by injection of interleukin - 2 into spleen. The 2<sup>nd</sup> Alps - Adria Immunology and Allergology Meeting, Opatija
4. Bašić I., Kujundžić M., Kaštelan M., Oršolić N., Tadić Z., Ćurić S. (1994) Effect of local administration of cytostatics and BRM on liver metastasis of a colon tumor in the rat. The 13<sup>th</sup> Meeting of the European Association of Cancer Research, Berlin, Germany
5. Bašić I., Uremović M., Tadić Z., Uremović Z. (1994) Genetic and halothane testing as indicators of meat quality in crossbred pigs, The 13<sup>th</sup> IPVS Congress, Bangkok, Thailand, Proceedings ([PDF](#))
6. Tadić Z. (1997) Prey - handling behaviour of the Sand Viper *Vipera ammodytes ammodytes* (Serpentes: Viperidae), The 3<sup>rd</sup> World Congress of Herpetology, Prague, Czech Republic, Book of Abstracts, str. 204 ([PDF](#))
7. Tadić Z., Oršolić N., Juroš D., Lacković V., Bašić I. (1997) Hematology of the Sand Viper *Vipera ammodytes ammodytes* (Serpentes: Viperidae), The 3<sup>rd</sup> World Congress of Herpetology, Prague, Czech Republic, Book of Abstracts, str. 205 ([PDF](#))
8. Bašić I., Tadić Z., Bosnić P., Vitković A., Gojević - Zrnić F., Laušin M., Pleli A., Viduč D. (1997) Prevalence of the porcine stress syndrome (PSS) mutation in breeding stock of swine in Croatia, The 14<sup>th</sup> IPVS Congress, Bologna, Italy. Proceedings ([PDF](#))
9. Bašić I., Tadić Z., Lacković V. (1997) Stres sindrom: ryanodinski receptor (RYR1) gen i maligna hipertermija u ljudi i svinja. Šesti kongres biologa Hrvatske, Opatija, Zbornik sažetaka priopćenja, str. 61 – 62 ([PDF](#))
10. Lacković V., Tadić Z., Vitković A., Bosnić P., Bašić I. (1997) Određivanje statusa gena za malignu hipertermiju metodom lančane reakcije polimerazom. Šesti kongres biologa Hrvatske, Opatija, Zbornik sažetaka priopćenja, str. 137 – 138 ([PDF](#))
11. Tadić Z. (1997) Manipulacija plijenom u poskoka (*Vipera ammodytes ammodytes* L.) pri hranjenju miševima i gušterima. Šesti kongres biologa Hrvatske, Opatija, Zbornik sažetaka priopćenja, str. 148 – 149 ([PDF](#))
12. Oršolić N., Tadić Z., Brbot - Šaranović A., Bašić I. (1997) Imunomodularno djelovanje propolisa: Zaštitni i terapijski učinak na rast tumorskih čvorića u plućima miša CBA. Šesti kongres biologa Hrvatske, Opatija, Zbornik sažetaka priopćenja, str. 206 – 207 ([PDF](#))
13. Tadić Z., Nikolić T., Gomerčić A., Lacković V., Vitković A., Bosnić P., Bašić I. (1998) Istraživanje varijabilnosti morfometrijskih značajki hrvatskih hladnokrvnih konja, te njihova primjena u uzgoju i procjeni biološke raznolikosti. Trideset i četvrti znanstveni skup hrvatskih agronoma, Opatija, zbornik sažetaka, str. 327
14. Bašić I., Tadić Z., Lacković V. (1998) Utvrđivanje statusa gena za malignu hipertermiju u svinja. Prvi skup Hrvatskog društva za biotehnologiju, Zagreb, Program rada i zbornik sažetaka, str. 25
15. Bašić i., Oršolić N., Macedo Fereire Alcici N., Brbot-Šaranović A., Tadić Z., Sulimanović Đ. (1998) Effects of propolis on tumor growth and metastasing ability: A possible mode of antitumor action. The 8<sup>th</sup> International Symposium on Apitherapy, Portorož, The Book of Abstracts, str. 69

16. Gomerčić A., Bašić I., Tadić Z., Lacković V., Gomerčić T., Đuras M., Byrne K. (2000) Varijabilnost 12 mikrosatelitskih lokusa u konja pasmine Hrvatski posavac. Sedmi hrvatski biološki kongres, Hvar, zbornik, str. 341 - 342 ([PDF](#))
17. Tomašković I., Tadić Z., Bruford M. (2003) Izolacija i umnažanje stare DNA iz muzejskih preparata za genetička istraživanja crvenokljune galice (Aves: Corvidae: *Pyrhhorax pyrrhhorax*). Osmi hrvatski biološki kongres sa međunarodnim sudjelovanjem, Zagreb, zbornik sažetaka, str. 49 – 50 ([PDF](#))
18. Pezer Ž., Tomašković I., Galov A., Đuras - Gomerčić M., Gomerčić T., Tadić Z., Bašić I., Gomerčić H. (2003) Određivanje spola u nekih vrsta kitova (Cetacea) pomoću lančane reakcije polimerazom. Osmi hrvatski biološki kongres sa međunarodnim sudjelovanjem, Zagreb, zbornik sažetaka, str. 269 – 271 ([PDF](#))
19. Tadić Z., Lisičić D., Đikić D., Oršolić N., Benković V., Horvat Knežević A. (2004) Tipovi krvnih stanica i neke kemijske odrednice krvi poskoka (*Vipera ammodytes*). Prvi hrvatsko-slovenski simpozij o egzotičnim i divljim životinjama, Zagreb, zbornik sažetaka, str. 60
20. Tadić Z.: “Zbirka živih zmija na Zavodu za animalnu fiziologiju PMF-a: Kako je nastala i čemu služi?”, Prvi hrvatsko-slovenski simpozij o egzotičnim i divljim životinjama, Zagreb, zbornik sažetaka. ([PDF](#))
21. Lisičić D., Đikić D., Oršolić N., Benković V., Horvat Knežević A., Bašić I., Tadić Z. (2006) Hematološke i biokemijske odrednice krvi poskoka (*Vipera ammodytes*). Deveti hrvatski biološki kongres sa međunarodnim sudjelovanjem, Rovinj, zbornik sažetaka, str. 251 – 252 ([PDF](#))
22. Lisičić D., Čož-Rakovac R., Strunjak-Perović I., Hacmanjek M., Topić Popović N., Tadić Z. (2006) Preliminarne biokemijske odrednice krvi šare poljarice (*Hierophis gemonensis*). Deveti hrvatski biološki kongres sa međunarodnim sudjelovanjem, Rovinj, zbornik sažetaka, str. 252 – 253 ([PDF](#))
23. Kocijan I., Nenadić D. D., Sušić G., Đuras - Gomerčić M., Galov A., Tadić Z., Bašić I. (2006) Određivanje spola u vrste bjeloglavi sup (*Gyps fulvus* ; Hablizl, 1783.) lančanom reakcijom polimeraze (PCR). Deveti hrvatski biološki kongres sa međunarodnim sudjelovanjem, Rovinj, zbornik sažetaka, dodatak
24. Tadić Z., Lisičić D., Burghardt G. M. (2007) Chemical prey preferences in the ingestively-naïve White-Lipped Tree Viper, *Cryptelytrops albolabris*. The 2<sup>nd</sup> Biology of the Vipers Conference, Porto, Portugal, Programme & Abstracts, str. 26 ([PDF](#))
25. Lisičić D., Đikić D., Oršolić N., Benković V., Horvat Knežević A., Bašić I., Tadić Z. (2007) Hematology and plasma chemistry of the Nose-Horned Viper (*Vipera ammodytes*). The 2<sup>nd</sup> Biology of the Vipers Conference, Porto, Portugal, Programme & Abstracts, str. 53
26. Lisičić D., Lovrić V., Počanić P., Derežanin L., Tadić Z. (2012) Pomak obilježja u biometrijskim značajkama populacijama vrste *Pseudopus apodus* otoka Cresa i okolice Splita. Jedanaesti hrvatski biološki kongres sa međunarodnim sudjelovanjem. Šibenik, zbornik sažetaka. str. 89 ([PDF](#))
27. Lisičić D., Drakulić S., Milčić E., Herrel A., Mihaljević Ž., Đikić D., Benković V., Tadić Z. (2013) The effect of competition on two temperate gecko species. 17<sup>th</sup> European Congress of Herpetology, Veszprém, Hungary, Programme & Abstracts, str. 137 ([PDF](#))
28. Šlipogor V., Gunhold T., Tadić Z., Bugnyar T. (2013) Unique, just like everyone else - an experimental study on consistent individual differences in captive common marmosets (*Callithrix jacchus*). Četvrti hrvatski kongres neuroznanosti, Zagreb, Program (PP52) ([PDF](#))
29. Wehrle B. A., Herrel A., Tadić Z., German D. P. (2014) Testing the adaptive modulation hypothesis: Physiological changes in a newly herbivorous lizard. Annual Meeting of The Society for Integrative and Comparative Biology, Austin, USA ([PDF](#))



### Conference papers:

1. Bašić I., Čurić S., Tadić Z., Oršolić N., Sulimanović Đ. (1995) Antimetastatic activity of bee venom and water-soluble derivative of propolis in mice. The 34th International Apicultural Congress of Apimondia, Lausanne, Switzerland, The Book of Abstracts, str. 371 - 375
2. Bašić I., Tadić Z.: "Genetic Engineering in Livestock Breeding" (in croatian), Symposium on Fundamental Research in Croatia, The Croatian Academy of Sciences and Arts, Zagreb, 1997, 177 - 181 ([PDF](#))
3. Tadić Z., Nikolić T., Vitković A., Bosnić P., Bašić I. (1997) Phenetic Analysis of Morphometric Traits in a Population of the Croatian Coldblood Horse (in croatian), Veterinarski dani 1997, The Book of Papers, Cavtat, Croatia, 647 - 652 ([PDF](#))

### Other papers:

1. Bakran-Petricioli T., Tadić Z.: "Warning!" (in croatian), "In Vivo", No.14, 4 - 7, 2008 (open letter) ([PDF](#)) (in croatian)
2. Oršolić N., Tadić Z. (2009) Professor Ivan Bašić (1941 - 2009). *Period. Biol.* **111**: 395 - 396 (obituary) ([PDF](#))
3. Lisičić D., Počanić P., Lovrić V., Derežanin L., Tadić Z. (2011) A case of cannibalism in *Hierophis gemonensis*: Preying on conspecific adult. *HYLA*, Vol. 2011, No. 2, 35 - 36 (photo note) ([PDF](#))
4. Lisičić D., Počanić P., Lovrić V., Derežanin L., Tadić Z. (2012) A case of cannibalism in European Glass Lizard, *Pseudopus apodus*. *HYLA*, Vol. 2012, No. 2, 45 - 46 (photo note) ([PDF](#))

### Invited seminars/talks:

1. Bašić I., Tadić Z. "Genetic engineering of Livestock" (in croatian), Symposium "Fundamental Research in Croatia", The Croatian Academy of Sciences and Arts, Zagreb, December 14 - 15, 1995. ([PDF](#))
2. Tadić Z. "Prey-Handling Behaviour of the Nose-Horned Viper (*Vipera ammodytes*) Feeding on Mice and Lizards", Oxford Seminars in Animal Behaviour, Department of Zoology, University of Oxford, Oxford, UK, November 9, 1999 ([PDF](#))
3. Tadić Z. "Prey-Handling Behaviour of The Sand Viper (*Vipera ammodytes*) Feeding on Mice and Lizards", Science and Conservation Seminar Series, Institute of Zoology, The Zoological Society of London, London, UK, November 10, 1999. ([PDF](#))
4. Tadić Z. "Prey-Handling Behaviour in the Nose-Horned Viper (*Vipera ammodytes*) feeding on Mice and Lizards", Behaviour, Ecology & Evolution Seminar Series, Department of Zoology, University of Cambridge, Cambridge, UK, November 26, 1999. ([PDF](#))
5. Tadić Z. "Why do Sand Vipers (*Vipera ammodytes*) Handle Mice and Lizards Differently?", Ecology, Environment & Evolutionary Biology Seminars, University of Surrey, Roehampton, UK, May 30, 2002. ([PDF](#))
6. Tadić Z.: "Evolution of Sociality in Animals" (in croatian), thematic seminar "The Effect of (Paleo)anthropology, Biology, Neurology and Medicine on the Research of Social Behaviour" within the interdisciplinary symposium "The Evolution of Sociality", Institute "Ivo Pilar", Zagreb, November 28, 2002. ([PDF](#))
7. Tadić Z.: "Why do Nose-Horned Vipers (*Vipera ammodytes*) Handle Mice and Lizards Differently?", Evolutionary & Behavioral Ecology Seminars, Department of Ecology & Evolutionary Biology, University of Tennessee, Knoxville, Tennessee, USA, October 6, 2004. ([PDF](#))
8. Tadić Z.: "Prey Handling in the Nose-Horned Viper", Symposium "Discussions in Herpetology 2004", Ft. Worth Zoo, Ft. Worth, Texas, SAD, October 15 - 16, 2004. ([PDF](#))
9. Tadić Z.: "Are We Academic Teachers or Are We Just Wasting Our Time Teaching?" (in croatian), Symposium "A Frame for Strategy: Contemporary Scientific and Educational

Policies“ (in croatian), Faculty of Social Sciences & Humanities, University of Zagreb, October 11, 2011. ([PDF](#))

### Various skills:

- Laboratory and field work with various animals, mainly lower vertebrates (reptiles, amphibians) and invertebrates.
- Design and analysis of behavioural, ecological and physiological data from laboratory and field.
- Supervising academic student laboratory and field work on animals.
- Long-term experience (>25 years) in reseach on standard laboratory animals (mice, rats).
- Long-term experience (>25 years) in field and laboratory reseach on reptiles (snakes, lizards).
- Long-term experience (>35 years) in keeping and breeding reptiles, specially snakes, in captivity.
- Six-year experience in keeping, breeding and laboratory research on small carnivores (Small indian mongoose).
- Long-term (>15 years) experience in keeping and breeding ornamental tropical fishes (*Cichlidae*, *Osphronemidae*).
- Long-term experience (> 25 years) in keeping and breeding insects & allies in captivity (various cockroach species, jewel wasp, emperor scorpion, mexican redknee tarantula, giant millipede)
- 10-year experience in keeping and breeding amphibians (*Salamandra salamandra*, *Ambystoma mexicanum*, *Typhlonectes natans*)
- Intermediate to advanced skills in using MicroSoft Office, WordPerfect Office, LibreOffice, Statistica, Systat SigmaPlot, GIMP, Inkscape, ImageJ, R statistical software (elementary skills).
- Apart from MS Windows (from version 3.0), long-term user (>15 years) of Linux (Debian (from 5.0 “Lenny”); Ubuntu (from 6.06 LTS “Dapper Drake”) and SUSE (from 12.0)).

### Hobbies:

Hiking, epistemology and philosophy of science, sociological and philosophical aspects of human-animal interactions, mediterranean and oriental cuisine, [pub quizzing](#) (page in croatian)