

CURRICULUM VITAE (CV)
OF MR ILIAS BOUZALAS, DVM, PhD

PERSONAL DATA

Family name: Bouzalas
First name: Ilias
Nationality: Greek
Date of birth: 2 April 1977

PROFILE: *Veterinarian with long term research activity (PhD, PostDoc) on Infectious Diseases*

Experience in:

- clinical trials,
- Lab techniques (ELISA, Western Blot, PCR, ICH, ISH) according to ISO 17025,
- data handling and application of statistical operations,
- documentation of scientific reports

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LANGUAGES (according to Common European Framework of Reference (CEF) level)

Greek (native)
English (B2 level in understanding, speaking and writing)
German (A2 level in understanding, speaking and writing)

PROFESSIONAL EXPERIENCE

2017-today	Senior Researcher at the Veterinary Research Institute, Hellenic Agricultural Organization-DEMETRE, Thessaloniki, Greece
2016-2017	Research Fellow at the Veterinary Public Health (VPH) Institute, Vetsuisse Faculty, University of Berne, Switzerland
2012-2015	Assistent I (PostDoc) in NeuroCentre, Division of Experimental Clinical Research, DCR-VPH, Vetsuisse Faculty, University of Berne, Switzerland
2010-2011	Lecturer , teaching practice and theory in the lessons of Fur-bearing animal breeding, Microbiology, Physiology of reproduction. Department of Animal Production, School of Agricultural Technology, Technological Educational Institute of West Macedonia, Florina, Greece
2009-2010	Lab Assistant teaching practice in veterinary microbiology-immunology and infectious diseases to undergraduate students of the Faculty of Veterinary Medicine, Aristotle University of Thessaloniki, Greece

- 2006-2009 **Locum** position during weekends as a **veterinarian** in a private small animal Clinic (ACTIVET, Thessaloniki, Greece)
- 2004-2005 **Assistant veterinarian** in a private small animal Clinic (Efkarpia, Thessaloniki, Greece)
- 2003-2004 **Military** service as **veterinarian** of the Greek Army (honorary performance of the second lieutenant degree)

RESEARCH PROGRAMMES

- 9/2013 **Main Researcher** of the research plan with title: '*NEUROVIR SR: Hunting of viruses implicated in the pathogenesis of sheep and goats encephalitis*', which was submitted for the Marie-Curie action (FP7-PEOPLE-2013-IEF). NeuroCentre, Division of Experimental Clinical Research, DCR-VPH, Vetsuisse Faculty, University of Berne
- 9/2012-6/2013 **Main Researcher** of the research proposal with title: '*Strain typing of small ruminant prion isolates using organotypic brain slices cultures*', which was funded by the Schweizerische Eidgenossenschaft, after competitive evaluation. The project was conducted in NeuroCentre, Division of Experimental Clinical Research, DCR-VPH, Vetsuisse Faculty, University of Berne
- 2008-2012 **Research assistant** in the following projects conducted in the Aristotle University of Thessaloniki, Greece:
- '*Development of new vaccines against Bluetongue virus*' (SSPE – 044372) coordinated by Associate Professor Maria Papanastasopoulou
 - '*Suitability of pigeons as sentinels for the surveillance and the molecular characterization of the epidemic West Nile virus in Greece*'
 - '*Detection of specific antibodies against West Nile virus in samples from the potential host species (chicken and horses) in the Prefecture of Thessaloniki for the year 2011*'

EDUCATION

- 2016 Attendance of a **2-week course** with the title: '*Introduction to Epidemiology and Biostatistics*' covering the following modules: Epidemiology, practical statistics in R, questionnaire design and implementation, sample size calculation, reporting guidelines, systematic review, meta-analysis, diagnostic test evaluation, infectious disease modelling
- 2012-2013 Holder of a **Swiss Government scholarship for the PostDoc** project: '*Strain typing of small ruminant prion isolates using organotypic brain slices cultures*'. NeuroCentre, Division of Experimental Clinical Research, DCR-VPH, Vetsuisse Faculty, University of Berne
- 2008-2012 **PhD thesis** with the title: '*Correlation of Prion protein genotype with Scrapie in sheep and goats of Greek indigenous breeds*'. Laboratory of Microbiology and Infectious Diseases, Faculty of Veterinary Medicine, Aristotle University of Thessaloniki, Greece

The thesis was financially supported from the Greek Scholarship Foundation.

Rating: "excellent"

2003 **Veterinary Medicine Degree.** Faculty of Veterinary Medicine, Aristotle University of Thessaloniki, Greece

PUBLICATION LIST: https://www.researchgate.net/profile/Ilias_Bouzas/publications

ANNEX I

PUBLICATION LIST:

- IN UNIVERSITY LIBRARIES

1. Ilias G. Bouzas. PhD thesis in the Laboratory of Microbiology and Infectious Diseases, Faculty of Veterinary Medicine, Aristotle University of Thessaloniki, Greece. Title: "Correlation of Prion protein genotype with Scrapie in sheep and goats of Greek indigenous breeds".

- IN PEER-REVIEWED SCIENTIFIC JOURNALS

1. "Expert opinion on livestock antimicrobial usage indications and patterns in Denmark, Portugal and Switzerland". Carmo LP, **Bouzas** I, Nielsen LR, Alban L, Martins da Costa P, Müntener C, Schüpbach G, Abreu Y, Magouras I. *Veterinary Record Open*, 2018 Sep 11;5(1):e000288. doi: 10.1136/vetreco-2018-000288. eCollection 2018.
2. "Accurate and precise real-time RT-PCR assays for the identification of astrovirus associated encephalitis in cattle". Lüthi R, Boujon CL, Kauer R, Koch MC, **Bouzas** IG, Seuberlich T. *Scientific Reports*, 2018 Jun 15;8(1):9215. doi: 10.1038/s41598-018-27533-8.
3. "Development and validation of an immunohistochemistry procedure for the detection of a neurotropic bovine astrovirus". C.L. Boujon, S. Selimovic-Hamza, **I. Bouzas**, T. Seuberlich. *Journal of Virological Methods*, 2017, 239: 26–33.
4. "Detection of Astrovirus in historical cases of European Sporadic Bovine Encephalitis, Switzerland 1958-1976". S. Selimovic-Hamza, **I.G. Bouzas**, M. Vandeveld, A. Oevermann, T. Seuberlich. *Frontiers in Veterinary Science*, 2016, 3 (91), doi: 10.3389/fvets.2016.00091.
5. "Full-genome based molecular characterization of encephalitis associated bovine astroviruses". **I. Bouzas**, D. Wüthrich, S. Selimovic-Hamza, C. Drögemüller, R. Bruggmann, T. Seuberlich. *Infection, Genetics and Evolution*, 2016, 44:162-168. doi: 10.1016/j.meegid.2016.06.052.
6. "Exploring the virome of cattle with non-suppurative encephalitis of unknown etiology by metagenomics". D. Wüthrich, C. L. Boujon, L. Truchet, S. Selimovic-Hamza, A. Oevermann, **I. Bouzas**, R. Bruggmann, T. Seuberlich. *Virology*, 2016, 493: 22-30.
7. "Identification of a second encephalitis-associated astrovirus in cattle". T. Seuberlich, D. Wüthrich, S. Selimovic-Hamza, C. Drögemüller, A. Oevermann, R. Bruggmann, **I. Bouzas**. *Emerging Microbes and Infections*, 2015, 4(5). doi:10.1038/emi.2016.5.

8. "Lenti-virus infection in imported sheep in Greece". N.D. Giadinis, C.I. Dovas, E. Hatzinasiou, **I. Bouzalas**, G. Arsenos, M. Papanastassopoulou. *Journal of Hellenic Veterinary Medical Society*, 2015, 66(1): 27-30.
 9. "Emergence of equine West Nile encephalitis in Greece (Central Macedonia, 2010)". **I.G. Bouzalas**, N. Diakakis, S.C. Chaintoutis, G.D. Brellou, M. Papanastassopoulou, K. Danis, I. Vlemmas, T. Seuberlich, C.I. Dovas. *Transboundary and Emerging Diseases*, 2015, Feb 7. doi: 10.1111/tbed.12334. [Epub ahead of print].
 10. "Neurotropic *Astrovirus* in European Cattle with Non-suppurative Encephalitis". **I.G. Bouzalas**, D. Wüthrich, J. Walland, C. Drögemüller, A. Zurbriggen, M. Vandeveld, A. Oevermann, R. Bruggmann, T. Seuberlich. *Journal of Clinical Microbiology*, 2014, 52(9): 3318-3324.
 11. "Isolation of *Mycobacterium avium* subspecies *paratuberculosis* from Ugandan cattle and strain differentiation using optimised DNA typing techniques". J.B. Okuni, C.I. Dovas, P. Loukopoulos, **I.G. Bouzalas**, D.P. Kateete, M.L. Joloba, L. Ojok. *BMC Veterinary Research*, 2012 Jun 29;8: 99.
 12. "Evidence of enzootic circulation of *West Nile virus* (Nea Santa-Greece-2010, lineage 2), Greece, May to July 2011". A. Chaskopoulou, C. Dovas, S. Chaintoutis, **I. Bouzalas**, G. Ara, M. Papanastassopoulou. *Euro Surveillance*, 2011 Aug 4;16(31).
 13. "Distinct proteinase K-resistant prion fragment in goats with no disease in a classical scrapie outbreak". **I.G. Bouzalas**, F. Lörtscher, C.I. Dovas, A. Oevermann, J.P. Langeveld, M. Papanastassopoulou, O. Papadopoulos, A. Zurbriggen, T. Seuberlich. *Journal of Clinical Microbiology*, 2011 Jun 49(6): 2109-15.
 14. "Assessment of bluetongue viraemia in sheep by real-time PCR and correlation with viral infectivity". E. Chatzinasiou, C.I. Dovas, M. Papanastassopoulou, M. Georgiadis, V. Psychas, **I. Bouzalas**, M. Koumbati, G. Koptopoulos, O. Papadopoulos. *Journal of Virological Methods*, 2010, 169: 305-315.
 15. "Caprine *PRNP* polymorphisms at codons 171, 211, 222 and 240 in a Greek herd and their association with classical scrapie". **I.G. Bouzalas**, C.I. Dovas, G. Banos, M. Papanastassopoulou, S. Kritas, A. Oevermann, D. Papakostaki, E. Chatzinasiou, O. Papadopoulos, T. Seuberlich and G. Koptopoulos. *Journal of General Virology*, 2010, 91: 1629-1634.
 16. "Correction of a Preputial Fusion Abnormality and Stenotic Preputial Opening in a Young Dog". **I.G. Bouzalas**, L.G. Papazoglou, E. Flouraki, K.G. Antonopoulos, V. Kouti, E. Basdani, G. Chaintas. *Australian Veterinary Practitioner*, 2009, 39(4): 145-147.
 17. "The serological prevalence of *Coxiella burnetii* antibodies in sheep and goats in northern Greece". M. Pape, **E.G. Bouzalas**, G.S. Koptopoulos, K. Mandraveli, M. Arvanitidou-Vagiona, P. Nikolaidis, S. Alexiou-Daniel. *Clinical Microbiology and Infection*, 2009, 15 (Suppl 2):146-7.
- in preparation
 - "Detection of caprine *PRNP* polymorphisms at codons 142, 143, 154, 171, 211, 222 and 240 in Skopelos and Hellenic breeds by RFLP-PCR". **I.G. Bouzalas**, G. Arsenos, C. Billinis, C.I. Dovas, S. Kritas, O. Papadopoulos, Georgios Banos.

- **IN PROCEEDINGS OR ABSTRACT BOOKS OF CONGRESSES INCLUDED IN PEER REVIEWED SCIENTIFIC JOURNALS**

1. "Investigation of Equine Encephalitis Cases during the West Nile Virus (WNV) epidemics in Greece". N. Diakakis, S.C. Chaintoutis, **I. Bouzalas**, G.D. Brellou, I. Vlemmas, M. Papanastassopoulou, C.I. Dovas. *Clinical Research Abstracts of the British Equine Veterinary*

Association Congress 2014, Birmingham, UK, p. 14. Published in *Equine Veterinary Journal*, 2014, 46(S47): 14.

2. "Isolation and characterization of novel MAP strains from Ugandan cattle". J.B. Okuni, C.I. Dovas, **I. Bouzalas**, P. Loukopoulos, P.D. Katete, L. Ojok. *Proceedings of the 29th Meeting of the European Society of Veterinary Pathology (ESVP) and the European College of Veterinary Pathologists (ECVP), 7–10/9/2011, Uppsala, Sweden, p. 69.* Published in the *Journal of Comparative Pathology*, 2012, 146(1): 69.
3. "A distinct proteinase K resistant prion protein fragment challenges the diagnosis of prion diseases in goats". T. Seuberlich, F. Lörtscher, **I. Bouzalas**, A. Oevermann, J.P.M. Langeveld, C. I. Dovas, M. Papanastassopoulou, A. Zubriggen. Meeting Report *Prion 2010, 8-11/9/2010, Salzburg, Austria, p. 220.* Published in *Prion*, 2010, 4(3): 220.

- **IN CONGRESS PROCEEDINGS OR ABSTRACT BOOKS (selected)**

1. "Phylogenetic comparison of encephalitis associated astroviruses in cattle". **I. Bouzalas**, D. Wüthrich, S. Selimovic-Hamza, R. Bruggmann, T. Seuberlich. *Proceedings of the 6th Swiss Virology Meeting, 2-3/2/2016, Thun, Switzerland, p. 2.*
2. "Detection of astovirus in 50-year-old archived tissue samples of cattle with non-suppurative encephalitis". S. Selimovic-Hamza, **I. Bouzalas**, A. Oevermann, T. Seuberlich. *Proceedings of the XVIIth International Symposium of the World Association of Veterinary Laboratory Diagnosticians (WAVLD), 15-18/6/2015, Saskatoon, Canada, p. 68.*
3. "Neurotropic Astrovirus in European Cattle with Non-suppurative Encephalitis". **I.G. Bouzalas**, D. Wüthrich, J. Walland, C. Drögemüller, A. Zurbruggen, M. Vandeveld, A. Oevermann, R. Bruggmann, T. Seuberlich. Presented in the *3rd Congress of the European Association of Veterinary Laboratory Diagnosticians (EAVLD), 12-15/10/2014, Pisa, Italy, p. 82.*
4. "Performance of a novel rapid immunochromatographic assay in goat scrapie". **I.G. Bouzalas**, F. Lörtscher, S. Tester, C.I. Dovas, T. Seuberlich. Presented in the *16th International Symposium of the World Association of Veterinary Laboratory Diagnosticians (WAVLD), 5–8/6/ 2013, Berlin, Germany.*
5. "Detection of WNV enzootic circulation in horses with neurological signs and in captive sentinel chickens in the prefecture of Thessaloniki, Greece". C.I. Dovas, S.C. Chaintoutis, A. Chaskopoulou, N. Diakakis, **I. Bouzalas**, M. Papanastassopoulou, K. Danis, A. Papa, O. Papadopoulos. Presented in the *2nd Congress of the European Association of Veterinary Laboratory Diagnosticians (EAVLD), 1-4/7/2012, Kazimierz Dolny, Poland, p. S3-O-07.*
6. "Cases of ovine arthritis associated with Maedi-Visna virus". N. Giadinis, C. Dovas, **I. Bouzalas**, G. Karanikolas., E. Petridou, X. Karatzias, M. Papanastassopoulou. Presented in the *2nd PanHellenic Congress for Productive animals veterinary medicine-Food Hygiene and Safety-Food consumer protection, 18-20/3/2011, Thessaloniki Greece, p. 130.*
7. "Molecular typing of a distinct proteinase K resistant prion protein fragment detected in a classical scrapie affected goat herd". **I. Bouzalas**, F. Lörtscher, C. I. Dovas, A. Oevermann, J.P.M. Langeveld, M. Papanastassopoulou, D. Papakostaki, A. Zubriggen, T. Seuberlich. Presented in the *1st Congress of the European Association of Veterinary Laboratory Diagnosticians (EAVLD), 15-17/9/2010, Lelystad, The Netherlands, p. 2-05.*
8. "Different PrP^{Sc} accumulation patterns in goat brain. Should the official method of sampling be reconsidered? " **E. Bouzalas**, C. Dovas, S. Kritas, M. Papanastassopoulou, D. Papakostaki, E. Chatzinasiou, G. Koptopoulos. *Abstract Book of Prion 2008, 8-10/10/2008, Madrid, Spain, p. 150.*

9. "Assessing scrapie risk in dairy sheep flocks". A. Psifidi, C.I. Dovas, Z. Basdagianni, **E. Bouzalas**, G. Banos. *Proceedings of the British Society of Animal Science*, 30/03-2/04/08, Scarborough, United Kingdom, p. 25.