

ALINA BORŞ DVM

PhD Lecturer



PhD Lecturer - Faculty of Veterinary Medicine, University of Applied Life Sciences and Environment „Ion Ionescu de la Brad” Iași
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Competences

- Food hygiene
- Food technology
- Food microbiology
- Food additives

Research areas

- food hygiene and technology
- food microbiology
- molecular biology

Educational background

- Doctor of Philosophy in Medical Sciences (2012) – Microbiology - Immunology specialization, Faculty of Veterinary Medicine, University of Applied Life Sciences and Environment „Ion Ionescu de la Brad Iași”, 2007-2011;
- Master diploma (2009) – Laboratory diagnosis, Faculty of Veterinary Medicine, University of Applied Life Sciences and Environment „Ion Ionescu de la Brad Iași”, 2007-2009;
- Veterinarian doctor diploma (2007) - Faculty of Veterinary Medicine, University of Applied Life Sciences and Environment „Ion Ionescu de la Brad” Iași, 2001-2007;
- Baccalaureate diploma (2001) – „Andronic Motrescu” College, Rădăuți, Suceava, 1997-2001.

Member of scientific / professional societies

- General Association of Romanian veterinarians (AGMVR)
- Association Pour L'Etude De Epidemiologie Des Maladies Animales (EnvA)
- PRO-MED-VITA Association
- Association of Veterinary Graduated of Veterinary medicine Faculty, Iasi (AAFMVI)

Publication

Scientific papers published: 38 (6 ISI papers)

1. Borş Ionuț, Solcan Gheorghe, **Alina Vlad-Sabie**, 2014 - *Effects of propylene glycol supplementation on blood indicators of hepatic function, body condition score, milk fat-protein concentration and reproductive performance of dairy cows*, ACTA VET. BRNO, 83: 027–032; doi:10.2754/avb201483010027.

- 2.** Carp-Cărare Cătălin, **Vlad-Sabie Alina**, Floriștean Viorel, 2013 - *Detection and serotyping of Listeria monocytogenes in some food products from North-East of Romania*, Revista Română de Medicină de Laborator, 21(3):285-292, DOI:10.2478/rilm-2013-0025.
- 3.** Borș S.I., Ibănescu I., Creangă Ş., **Borș Alina**, 2018 - *Reproductive performance in dairy cows with cystic ovarian disease after single treatment with buserelin acetate or dinoprost*, Journal of Veterinary Medical Science, 80(7): 1190–1194, doi: 10.1292/jvms.17-0690.
- 4.** Borș S.I., Ibănescu I., Creangă Ş., Dascălu L., **Borș Alina**, 2018 - *Follicle deviation and oocyte recovering by ovum pick-up from endangered Romanian Grey cows*, Romanian Biotechnological Letters, 23(5): 13909-13918, DOI:10.26327/RBL2018.202.
- 5.** Borș S.I., Emesse Balla, Ibănescu I., **Borș Alina**, 2019 - *Changes in climate conditions and their effects on production and reproduction of medium yielding cows in temperate continental climate*, Mlještarstvo, vol. 69, No 4:264-275, doi.org/10.15567/mljekarstvo.2019.0406.
- 6.** Borș S.I., **Borș Alina**, 2020 - *Ovarian cysts, an anovulatory condition in dairy cattle*, Journal of Veterinary Medical Science, 82(10), 1515-1522, doi: 10.1292/jvms.20-0381.
- 7.** **Borș Alina**, Crețu C., Ailincăi L., Carp-Cărare C., Borș S.I., Floriștean V., 2014 - *TaqMan real-time PCR assay for detection of Escherichia coli O157:H7 in beef*, Lucrări Științifice, Seria Medicină Veterinară, Iași, ISSN 1454-7406, vol. 57 (16), pg. 206-210.
- 8.** **Vlad-Sabie Alina**, Floriștean V., Borș S.I., Crețu C., Carp-Cărare C., Carp-Cărare M., 2013 - *Application of a real-time PCR for quantitative detection of Campylobacter jejuni in fresh meat*, Lucrări Științifice seria Medicină Veterinară Iași, vol. 56 (15), p. 438-441.
- 9.** **Vlad-Sabie Alina**, Floriștean V., Carp-Cărare C., Obadă M., Crețu C., Carp-Cărare M., 2012 – *Detection and quantification of Salmonella and Listeria monocytogenes strains in food by TaqMan real-time PCR*, Revista Română de Medicină Veterinară, vol. 22(4), p. 59-68.
- 10.** Obadă M., Carmen Crețu, **Vlad-Sabie Alina**, Carp-Cărare M., 2012 – *Typing of Campylobacter jejuni isolates from poultry using Multilocus Sequence Typing in Romania*, Lucrări Științifice seria Medicină Veterinară Iași, vol. 55 (14), p. 613-621.
- 11.** **Vlad-Sabie Alina**, Floriștean V., Cîrlan Andreea, Crețu Carmen, Carp-Cărare C., Carp-Cărare M., 2011 - *Detection and quantification of Salmonella spp. and Listeria monocytogenes on Helix pomatia by Real-time PCR*, Lucrări Științifice seria Medicină Veterinară Iași, vol. 54(13), p. 401-406.
- 12.** **Vlad-Sabie Alina**, Floriștean V., Obadă M., Crețu Carmen, Carp-Cărare C., Carp-Cărare M., 2011 - *Research regarding the specificity and sensitivity of a Taq-Man real-time PCR assay for detection of Salmonella spp. from different foods*, Lucrări Științifice seria Medicină Veterinară Iași, vol. 54 (13), p. 407-411.
- 13.** Otilia Cristina Crăciun, **Vlad-Sabie Alina**, Roxana Lazăr, P.C. Boișteanu, V. Gheorghita, 2011 – *Research on determination of sheep carcasses degree and contamination during slaughter*, USAMV Iași, Lucrări științifice, seria Zootehnie, vol.55, p. 281-285.
- 14.** **Vlad-Sabie Alina**, Floriștean V., Crețu Carmen, Obadă M., Carp- Cărare C., Carp- Cărare M., 2010 - *Cercetări privind detecția și cuantificarea Salmonella spp. și Campylobacter jejuni de pe carcasele de pasăre prin PCR în timp real*, Lucrări Științifice seria Medicină Veterinară, vol. 53(12), p. 300-307.

Monographs/textbooks/handbooks

- Floriștean V., Borș A., 2014** - Igienă și tehnologie alimentară. Carnea și produsele din carne –Lucrări practice, vol. I, Ed. Performantica, ISBN 978-606-685-123-7.
- Floriștean V., Borș Alina 2021**- Igienă și tehnologie alimentară. Laptele și produsele lactate – Manual practic, „Ed. Ion Ionescu de la Brad”, Iași, ISBN 978-973-147-445-8.

Postgraduate training

- 2012-2013 - Level II of DPPD, University of Applied Life Sciences and Environment „Ion Ionescu de la Brad Iași”;
- 2010 - Erasmus stage, Faculty of veterinary medicine Liège, Liège University, Belgium, Food microbiology department;

- 2008 - „New rapid methods for detection of food pathogens- food safety” (University of Applied Life Sciences and Environment „Ion Ionescu de la Brad” Iași, Faculty of Veterinary Medicine and Liège University, Faculty of Veterinary Medicine, Liège
- 2019 Blended learning - Flexibility for the internationalization of superior education, in the field of Engineering and management in agriculture and rural development, University of Applied Life Sciences and Environment „Ion Ionescu de la Brad Iași”;
- November 2020 - February 2021 Postgraduate program for continuous training and professional development Entrepreneurship and Innovation, in the field of Economy, Faculty of Management Bucharest and University of Applied Life Sciences and Environment „Ion Ionescu de la Brad Iași”.

Research projects

Member in research team in 2 research grants:

1. PN II-IDEI 275/2007 „Research regarding the simultaneous quantitative detection of four pathogenic bacteria in some food products by multiplex real-time PCR”, project manager PhD Lecturer Floriștean Viorel.
2. PN II- CAPACITĂȚI 10603/ 2008 „Research regarding the foods safety management through professional training and developing techniques of rapid detection of pathogenic bacteria from foods” project manager PhD Assoc. Professor Gheorghe Brădățan.