

**Nume/Prenume: Bolfa Pompei**

## **EDUCATION**

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**University of Agricultural Sciences and Veterinary Medicine,  
Cluj Napoca, Romania**

01 October 2005 - 30 April 2010

Doctorate in veterinary medicine (**PhD**)

Equine Infectious Anemia Virus (EIAV), Retrovirology; Title:  
"Correlation of the immune changes with oxidative stress in  
equine infectious anemia"

**University of Agricultural Sciences and Veterinary Medicine,  
Cluj Napoca, Romania**

01 October 2005 - 31 January 2007

Master of Science in Veterinary Medicine (**MSc**)

**University of Agricultural Sciences and Veterinary Medicine,  
Cluj Napoca, Romania**

01 October 1998 - 11 June 2004

Doctor of veterinary medicine (**DVM**)

## **SPECIALITY BOARD CERTIFICATION**

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October 2016

Diplomate of the American College of Veterinary  
Pathologists (**DACVP**)

## **WORK EXPERIENCE**

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**Ross University School of Veterinary Medicine (RUSVM) -  
Assistant (2014) Associate (2017) Professor (2021) of  
Anatomic Pathology**

Teaching activities: Anatomic Pathology (course  
coordinator), Microanatomy (Course coordinator), Case  
Based Studies; Routine diagnostic pathology duty rotation  
including autopsy and biopsy service.

**RUSVM - Division Head Anatomy and Pathology &  
Coordinator for Necropsy lab services**

2017 - 2024

Recruiting and hiring manager for clinical, anatomical  
pathology and pathology trainee; developing a pathology  
residency program; coordinator of pathology duty service;  
budgets and management of Histology and Pathology.

**Pathology Department, Faculty of Veterinary Medicine,  
USAMV Cluj-Napoca, Romania - Junior Lecturer**

(2008-2014).

### External Recognition / Esteem – Research:

- Member of **American College of Veterinary Pathologists (ACVP)**:
  - member of **Natural diseases committee** for the annual meeting for 4 years (2018-2023)
    - chair of **Natural diseases committee** for the annual meeting for 2 years (2021, 2022)
  - **judge Young investigator award** in the Natural disease poster section of the ACVP annual meeting (2019)
    - **lead judge Young investigator award** in the Natural disease poster section of the ACVP annual meeting (2020, 2021)
  - member of **Lifelong learning committee** (from 2021) organized three webinars
    - **ACVP mentorship program co-chair** (2023-2024) and **chair** (2024-2025)
  - member at large **ACVP Education Committee** (EC) - 2019-2021
  - **Lead judge:** Young Investigator Awards 2020, 2021 ACVP ASVCP ISACP FSS - annual **ACVP meeting**.
- Board member (elected) of the European Society of Veterinary Pathology (**ESVP**) -responsible for webinars
- Member of the organizing committee for the annual meeting European Society of Toxicological Pathology (**ESTP**) 2018
- **Associate editor:** BMC Veterinary Research; **Reviewer for:** Veterinary pathology, JVDI, JAVMA, Veterinary Record, BMC Veterinary Research, BMC Complementary and Alternative Medicine, Journal of Immunology and Infectious Diseases, Biomedical and Environmental Sciences, Journal of Veterinary Science & Medical Diagnosis, Revue scientifique et technique de l'OIE; Tropical Animal Health and Production; Molecular and Cellular Endocrinology
- **Veterinary Cancer Guidelines and Protocols** (VCGP) – Board member and seminar coordinator (2021 onwards)
- Standardizing Tumor Pathology Reporting - Clinical outcome **lecture** (September 2021)
- 2018, September 5-8, **Best poster award:** Joint ESVP and ECVF Congress. Cluj-Napoca, Romania

### Research done in the last 5 years

- Primate pathology - background lesions in wild caught and captive African green monkeys (*Chlorocebus aethiops sabaues*); iron overload; renal oxalosis;
- Pathology, parasites and viruses in wild rats
- Diseases of free roaming and farmed chickens in St Kitts;
- Serological survey of some major equine viral diseases in the Eastern Caribbean;
- A one health approach to silicate pneumoconioses in domestic and wild animals in St. Kitts;
- Etiology, epidemiology and pathogenesis of tropical keratopathy in cats, monkeys, dogs and mongoose;
- Beta-mannosidosis in dogs in St. Kitts;
- Equine arytoid chondritis – clinical and pathological features: proposal of a new surgical management;
- International guidelines for veterinary tumor pathology

**Why is it important?** Most importantly I try to incorporate a ONE HEALTH approach to natural diseases and animal models as well as approach and embrace local and global opportunities in my collaborative research. My goal, is to contribute to wellbeing of animals, better understanding of disease pathogenesis, species conservation and improve animal care and human health.

**What's next?** International guidelines for veterinary tumor pathology; Tooth root abscess and mandibular osteomyelitis in sheep; *Angiostrongylus cantonensis* and pathology of wild rats; Epidemiology of urolithiasis in domestic animals; Prevalence of Hepatovirus A in African green monkeys; Muscular sarcocystosis in domestic animals.

### Academic leadership and management

- I had the opportunity to acquire valuable leadership skills and network as part of the **2019-2020 AAVMC Leadership Academy**, including the Washington DC AAVMC Advocacy Day on Capitol Hill. In parallel, I was selected for the **ADTALEM Key Talent program**, a 12-month accelerated development experience for helping grow leadership skills. Also, I participated in the pilot ADTALEM Key Talent mentorship program through the CRC. Faculty advisor, Orange Semester 2019 and 2022
- **Pathology Division Head** (Histology lab, Pathology lab, Pathology intern) & Coordinator of Pathology services. **Success stories** in the last 3 years: move of Pathology lab and Histology lab into the new pathology building; designing and implementing "Pathology going paperless" project; Histology cross training for Pathology technicians; Pathology internship program with St. Kitts college students; coordination of search committees - 4 faculty members and 2 pathology interns; co-coordination of the RUSVM diagnostic and research microscopy project; contribution to drafting new RUSVM Laboratories Services MSA agreement with external clients (including primate centers). Closely working with Department Head to hire locums for open positions, identify and support opportunities to grow for colleagues, maintain positive balance.

**Publications with peer review process**

1. Manoj, R.R.S., Wu T., Bolfa P., Lim A., Young R., Lejeune M., Ketzis J. (2024). "Evaluation of parasitic infections with histological and molecular detection in Anoles from St. Kitts." *Veterinary Parasitology: Regional Studies and Reports* 47: 100957. doi.org/10.1016/j.vprsr.2023.100957
2. Rolph, M.J.; Bolfa, P.; Cavanaugh, S.M.; Rolph, K.E. Fluorescent In Situ Hybridization for the Detection of Intracellular Bacteria in Companion Animals. *Vet. Sci.* 2024, 11, 52. <https://doi.org/10.3390/vetsci11010052>
3. Schulman FY, Bertram CA, Meuten DJ, Moore FM, Avallone G, Bartel A, Bolfa P et al. Overview of the Veterinary Cancer Guidelines and Protocols group's "Developing, reporting and validating histologic tumor grading systems". *Veterinary Pathology.* 2024 Jan;61(1):157-159. doi:10.1177/03009858231209409
4. J. Feng, R. de Rosayro, A. Peda, F. H. Alonso, P. Bolfa (2023). "Dyspnea, nonproductive cough, and inappetence in an 8-year-old mixed-breed dog." *Journal of the American Veterinary Medical Association:* 1-4. PMID: 37532239. DOI: 10.2460/javma.23.05.0284. Martonos, C.O.; Gudea, A.I.; Ratiu, I.A.; Stan, F.G.; **Bolfa, P.**; Little, W.B.; Dezdrobitu, C.C. (2023). "Anatomical, Histological, and Morphometrical Investigations of the Auditory Ossicles in *Chlorocebus aethiops sabaues* from Saint Kitts Island." *Biology* **12**(4): 631.
5. Aubreville M., Stathonikos N., Bertram C. A., Klopffleisch R., ter Hoeve N., Ciompi F, Wilm, Frauke, Marzahl, Christian, Donovan, Taryn A., Maier, Andreas, Breen, Jack, Ravikumar, Nishant, Chung, Youjin, Park, Jinah, Nateghi, Ramin, Pourakpour, Fattaneh, Fick, Rutger H. J., Ben Hadj, Saima, Jahanifar, Mostafa, Shephard, Adam, Dextl, Jakob, Wittenberg, Thomas, Kondo, Satoshi, Lafarge, Maxime W., Koelzer, Viktor H., Liang, Jingtang, Wang, Yubo, Long, Xi, Liu, Jingxin, Razavi, Salar, Khademi, April, Yang, Sen, Wang, Xiyue, Erber, Ramona, Klang, Andrea, Lipnik, Karoline, **Bolfa, Pompei**, Dark, Michael J., Wasinger, Gabriel, Veta, Mitko, Breining, Katharina. (2023). "Mitosis domain generalization in histopathology images — The MIDOG challenge." *Medical Image Analysis;* 2023; **84**: 102699.
6. Walker RT, Illanes O, Conan A, Williams BH, Hilchie D, **Bolfa P.** Histology, prevalence, and environmental sources for pulmonary silicates depositions in domestic and wild animals. *Veterinary Pathology.* 2023;0(0). doi:[10.1177/03009858221146095](https://doi.org/10.1177/03009858221146095)
7. C. Bidian, G. A. Filip, L. David, B. Moldovan, I. Baldea, D. Olteanu, M. Filip, **P. Bolfa**, M. Potara, A. Toader, S. Clichici. (2022). "Viburnum opulus fruit extract-capped gold nanoparticles attenuated oxidative stress and acute inflammation in carrageenan-induced paw edema model." *Green Chemistry Letters and Reviews* 15(2): 319-335.
8. Meuten, D. J., Moore, F. M., Donovan, T. A., Bertram, C. A., Klopffleisch, R., Foster, R. A., Smedley, R. C., Dark, M. J., Milovancev, M., Stromberg, P., Williams, B. H., Aubreville, M., Avallone, G., **Bolfa, P.**, Cullen, J., Dennis, M. M., Goldschmidt, M., Luong, R., Miller, A. D., Miller, M. A., Munday, J. S., Roccabianca, P., Salas, E. N., Schulman, F. Y., Laufer-Amorim, R., Asakawa, M. G., Craig, L., Dervisis, N., Esplin, D. G., George, J. W., Hauck, M., Kagawa, Y., Kiupel, M., Linder, K., Meichner, K., Marconato, L., Oblak, M. L., Santos, R. L., Simpson, R. M., Tvedten, H., Whitley, D. (2021). "International Guidelines for Veterinary Tumor Pathology: A Call to Action." *Vet Pathol:* 3009858211013712. Online ahead of print.
9. Gainor, K., Bowen, A., **Bolfa, P.**, Peda, A., Malik, Y. S., Ghosh, S. (2021). "Molecular Investigation of Canine Parvovirus-2 (CPV-2) Outbreak in Nevis Island: Analysis of the Nearly Complete Genomes of CPV-2 Strains from the Caribbean Region." *Viruses* 13(6): 1083.
10. Abramo, N. M., Cavanaugh, R. P., Rawlins-Vaughan, G., **Bolfa, P.** (2021). "Surgical management and long-term outcome of complete penoscrotal transposition." *Veterinary Record Case Reports* n/a(n/a): e37.
11. Bidian, C., Mitrea, D.R., Tatomir, C., Perde-Schrepler, M., Lazar, C., Chețan, I., **Bolfa, P.**, David, L., Clichici, S., Filip, A., Muresan, M., Micle, O. (2021). "Vitis vinifera l. and Sambucus nigra l. extracts attenuate oxidative stress and inflammation in femoral ischemia." *Farmacologia* 69(1): 59-67.
12. Arauz, M., Fuentealba, C., Vanderstichel, R., **Bolfa, P.**, Sithole, F., Laws, A., Illanes, O. (2021). "Development and Application of an Interactive Neuropathology iBook as a Complementary Learning Tool for Veterinary Medicine Students." *J Vet Med Educ:* e20200105. PMID: 33970836.
13. Barsan, M., Rajnoveanu, A. G., Cocarla, A., **Bolfa, P.**, Login, C. C., Socaciu, A. I., Decea, N., and Leucuta, D. (2021). A study of oxidative stress and pulmonary damage after silica instillation in rats and the effect of curcumin administration. *Medycyna Pracy* 72 (3); 1-9. <https://doi.org/10.13075/mp.5893.01050>. PMID: 34061055
14. Dimitriu, T., **Bolfa, P.**, Daradics, Z., Suci, S., Armencea, G., Catoi, C., Dinu, C., Baciut, G., Vacaras, S., Bran, S., Baciut, M. (2021). "Ligature induced periodontitis causes atherosclerosis in rat descending aorta: an experimental study." *Med Pharm Rep* 94(1): 106-111. PMID: 33629057
15. **Bolfa, P.**, Cercone M, Dennis MM, Conan A, Grevemeyer B, Ducharme NG. (2021). "Clinical and Pathological Features in Horses With Advanced Arytenoid Chondritis.", Vol. 58(1) 91-102. PMID: 33205706.

16. Dimitriu, T., **Bolfa, P.**, Suci, S., Cimpean, A., Daradics, Z., Catoi, C., Armencea, G., Baciut, G., Bran, S., Dinu, C., Baciut, M. (2020). "Grape Seed Extract Reduces the Degree of Atherosclerosis in Ligature-Induced Periodontitis in Rats - An Experimental Study." *J Med Life* 13(4): 580-586.
17. Donovan, T. A., Moore, F. M., Bertram, C. A., Luong, R., **Bolfa, P.**, Klopfleisch, R., Tvedten, H., Salas, E. N., Whitley, D. B., Aubreville, M., Meuten, D. J. (2020). "Mitotic Figures-Normal, Atypical, and Imposters: A Guide to Identification." *Vet Pathol*: 300985820980049.
18. Luminita David, Bianca Moldovana, Ioana Baldea, Diana Olteanu, **Pompei Bolfa**, Simona Clichici, Gabriela Adriana Filip. Modulatory effects of *Cornus sanguinea* L. mediated green synthesized silver nanoparticles on oxidative stress, COX-2/NOS2 and NFkB/pNFkB expressions in experimental inflammation in Wistar rats. *Materials Science & Engineering C*. 110 (2020) 110709. <https://doi.org/10.1016/j.msec.2020.110709>
19. Rajeev S, **Bolfa P**, Shiokawa K, Beierschmitt A, Palmour R. *Leptospira* Infection in African Green Monkeys in an Endemic Area: An Opportunity for Comparative Studies in a Natural Environment. *Pathogens*. 2020 Jun 16;9(6):E474. PMID: 32560055
20. **Bolfa, P.**, Wang P, Nair R, Rajeev S, Armien AG, Henthorn PS, Wood T, Thrall MA, Giger U. (2019). Hereditary beta-mannosidosis in a dog: Clinicopathological and molecular genetic characterization." *Mol Genet Metab*. 2019 pii: S1096-7192(19)30271-9. PMID: 31439511
21. Silkworth A, Cavanaugh R, **Bolfa P**, Becker AAMJ. Cutaneous Pyogranulomas Associated with *Nocardia jiangxiensis* in a Cat from the Eastern Caribbean. *Trop Med Infect Dis*. 2019 Oct 17;4(4). pii: E130. doi: 10.3390/tropicalmed4040130. PMID: 31627308
22. **Bolfa P**, Callanan JJ, Ketzis J, Marchi S, Cheng T, Huynh H, Lavinder T, Boey K, Hamilton C, Kelly P. (2019). Infections and pathology of free-roaming backyard chickens on St. Kitts, West Indies. *J Vet Diagn Invest*. 2019 May;31(3):343-34. PMID: 30973088
23. Becker AAMJ, Rajeev S, Freeman MA, Beierschmitt A, Savinon V, Wulcan JM, **Bolfa P**. (2019). Extraintestinal Acanthocephalan *Oncicola venezuelensis* (Oligacanthorhynchidae) in Small Indian Mongooses (*Herpestes auropunctatus*) and African Green Monkeys (*Chlorocebus aethiops sabaeus*). *Vet Pathol*. Jun 6:300985819848502. doi: 10.1177/0300985819848502. PMID: 31170895
24. **Bolfa P**, Kelly SJ, Wells HC, Sizeland KH, Scott EM, Kirby N, Mudie S, Armien AG, Haverkamp RG, Kelly PJ. (2018). Tropical Keratopathy (Florida Spots) in Cats. *Vet Pathol*: 55 (6): 861-870; PMID: 30071782.
25. **Bolfa, P.**, DellaGrotte, L., Weronko, T., Armien, A. G. (2018). "Cutaneous epithelioid hemangiosarcoma with granular cell differentiation in a dog: a case report and review of the literature." *J Vet Diagn Invest* 30(6): 951-954.
26. **Bolfa, P.**, Larson, C., Peda, A., Hilchie, D., Christopher, M. M., Thrall, M. A. (2018). Thoracic and paraspinal extramedullary hematopoiesis in a cat with chronic non-regenerative anemia." *JFMS Open Rep* 4(2): 2055116918798868
27. Cervena B, Hrazdilova K, Vallo P, Ketzis J, **Bolfa P**, Tudor E, Lux-Hoppe EG, Blanvillain C, Modry D. (2018). "Mammomonogamus nematodes in felid carnivores: a minireview and the first molecular characterization." *Parasitology* May 21:1-10.
28. Brown A, Jordan AB, **Bolfa P**, Marchi S, Hemmings S, Major T, Suepaul, R., Blake, L., Oura, C. Detection of Antibodies to Seven Priority Pathogens in Backyard Poultry in Trinidad, West Indies *Vet Sci*. 2018;5(11).
29. **Bolfa P**, Jeon I, Loftis A, Leslie T, Marchi S, Sithole F, Beck C, Lecollinet S, Zientara S, Hans A, Issel CJ. Detection of West Nile Virus and other common equine viruses in three locations from the Leeward Islands, West Indies. *Acta Trop* 2017 174: 24-28.
30. Scrobota I, Baciut G, Buzatu R, Szuhaneck C, Todor L, Vlad SV, **Bolfa P**, Calniceanu H. Oxidative Stress Markers in Chemically Induced Oral Premalignant Lesions. *REV.CHIM.(Bucharest)* (2017) 68(6): 1211-1215.
31. Moldovan B, Filip A, Clichici S, Suharoschi R, **Bolfa P**, David L: Antioxidant activity of Cornelian cherry (*Cornus mas* L.) fruits extract and the in vivo evaluation of its anti-inflammatory effects. *Journal of Functional Foods* 2016, 26:77-87.
32. Constantinescu MI, **Bolfa P**, Constantinescu D, Mironiuc AI, Gherman C: Treatment with sildenafil and donepezil improves angiogenesis in experimentally induced critical limb ischemia. *Biomed Res Int*. 2017; 2017:9532381; PMID: 28243607
33. Baldea I, Olteanu D, **Bolfa P**, Tabaran F, Ion RM, Filip A: Melanogenesis and DNA damage following photodynamic therapy in melanoma with two meso-substituted porphyrins. *Journal of Photochemistry and Photobiology B: Biology* 2016, 161(2016):402-410. PMID: 27314538
34. Tabaran AF, Nagy AL, Catoi C, Morar I, Tabaran A, Mihaiu M, **Bolfa P**: Congenital diaphragmatic hernia with concurrent aplasia of the pericardium in a foal. *BMC veterinary research* 2015, 11(1):309. PMID: 26715552
35. Scrobota I, Bolfa P, Filip AG, Catoi C, Alb C, Pop O, Tatomir C, Baciut G: Natural chemopreventive alternatives in oral cancer chemoprevention. *J Physiol Pharmacol* 2016, 67(1):161-172. PMID: 27010905
36. Orasan MS, **Bolfa P**, Coneac A, Muresan A, Miha C: Topical Products for Human Hair Regeneration: A Comparative Study on an Animal Model. *Annals of dermatology* 2016, 28(1):65-73. PMID: 26848220
37. Olteanu D, Filip A, Socaci C, Biris AR, Filip X, Coros M, Rosu MC, Pogacean F, Alb C, Baldea I, **Bolfa P**, Pruneanu S: Cytotoxicity assessment of graphene-based nanomaterials on human dental follicle stem cells. *Colloids and*

surfaces B, *Biointerfaces* 2015, 136:791-798. PMID: 26529387

38. Baldea I, Olteanu DE, **Bolfa P**, Ion RM, Decea N, Cenariu M, Banciu M, Sesarman AV, Filip AG: Efficiency of photodynamic therapy on WM35 melanoma with synthetic porphyrins: Role of chemical structure, intracellular targeting and antioxidant defense. *J Photochem Photobiol B* 2015, 151:142-152. PMID: 26257158
39. Pastiu AI, Gyorke A, Kalmar Z, **Bolfa P**, Rosenthal BM, Oltean M, Villena I, Spinu M, Cozma V: *Toxoplasma gondii* in horse meat intended for human consumption in Romania. *Vet Parasitol* 2015. PMID: 26238654
40. Filip A, Potara M, Florea A, Baldea I, Olteanu D, **Bolfa P**, Clichici S, David D, Moldovan B, Olenic L, Astilean S: Comparative evaluation by scanning confocal Raman spectroscopy and transmission electron microscopy of therapeutic effects of noble metal nanoparticles in experimental acute inflammation. *RSC Advances* 2015, 5:67435-67448.
41. **Bolfa P**, Barbuceanu F, Leau SE, Leroux C (2015): Equine infectious anaemia in Europe: Time to re-examine the efficacy of monitoring and control protocols? *Equine Vet J*. Mar;48(2):140-2.
42. Nagy AL, **Bolfa P**, Mihaiu M, Catoi C, Oros A, Taulescu M, Tabaran F: Intentional fatal metallic phosphide poisoning in a dog-a case report. *BMC veterinary research* 2015, 11(1):158. PMID: 26202780
43. Popescu, T., Nenu, I., Aldea, M.D., Olteanu, D., Gheban., D, Tatomir., C, Bolfa., P, Muresan., A, Ion., RM, Filip., AG. (2014). The effect of TSPP-mediated photodynamic therapy and Parecoxib in experimental tumours, *Life Sciences*, Oct 2. pii: S0024-3205(14)00795-4.
44. Nenu, I., Popescu, T., Aldea, M.D., Craciun, L., Olteanu, D., Tatomir, C., **Bolfa, P.**, Ion, R.M., Muresan, A., Filip, A. (2014): Metformin associated with photodynamic therapy – a novel oncological direction. *Journal of Photochemistry and Photobiology B: Biology*. 138C:80-91.
45. Nadas, G., Kalmar, Z., Taulescu, M., Chirila, F., Bouari, C., Rapuntean, S., **Bolfa, P.**, Fit, N. (2014). Comparative identification of *Candida* species isolated from animals using phenotypic and PCR-RFLP methods. *Bull Vet Inst Pulawy* 58: 219-222.
46. Olteanu, D., Baldea, I., Clichici, S., **Bolfa, P.**, Cenariu, M., Schrepler, M.P., Alupeii, A., Muresan, A., Filip, A. (2014): In vitro studies on the mechanisms involved in chemoprevention using *Calluna vulgaris* on vascular endothelial cells exposed to UVB. *Journal of Photochemistry and Photobiology B: Biology*. 136:54-61.
47. Mircean V, Dumitrache MO, Mircean M, **Bolfa P**, Györke A, Mihalca AD. (2014): Autochthonous canine leishmaniasis in Romania: neglected or (re)emerging? *Parasites & Vectors*. 7(1):135.
48. Daneasa, A., Cucolas, C., Furcea, M., **Bolfa, P.**, Duda, S., Olteanu, D., Alupeii, A., Muresan, A., Filip, A. (2014): Spironolactone and dimethylsulfoxide effect on glucose metabolism and oxidative stress markers in polycystic ovarian syndrome rat model. *Experimental and Clinical Endocrinology & Diabetes*. 122(3):154-62.
49. Popa, D. S., **Bolfa, P.\***, Kiss, B., Vlase, L., Paltinean, R., Pop, A., Catoi, C., Crisan, G., Loghin, F. (2014): Influence of *Genista tinctoria l.* or methylparaben on subchronic toxicity of Bisphenol A in rats. *Biomedical and Environmental Sciences*. 27(2):35-44.
50. Bouari, C., **Bolfa, P.\***, Borza, G., Nadăș, G., Cătoi, C., Fiț, N. (2014): Antimicrobial activity of *Mentha piperita* and *Saturenja hortensis* in a murine model of cutaneous protothecosis. *Journal de Mycologie Médicale*. 24(1):34-43.
51. **Bolfa, P.**, Nolf, M., Cadore, J. L., Archer, F., Thivolet, F., Mornex, J. F., Catoi, C., Leroux, C. (2013): Interstitial lung disease in horses associated with EIAV infection. *Veterinary Research*, 44:113.
52. **Bolfa, P.**, Vidrighinescu, R., Petruta, A., Dezmiorean, D., Stan, L., Vlase, L., Damian, G., Filip, A., Catoi, C., Clichici, S. (2013). Photoprotective effects of Romanian propolis on skin of mice exposed to UVB irradiation. *Food and Chemical Toxicology* 62, 329-342.
53. Orasan, M. S., **Bolfa, P.\***, Coneac, A., Mitrea, D. R., Moldovan, R., Mihu, C., Muresan, A. (2013). Stimulation of hair regrowth using low level laser treatment in a rat model of alopecia. *Digest Journal of Nanomaterials and Biostructures* 8:1571-1580.
54. Pop, A., Berce, C., **Bolfa, P.\***, Nagy, A., Catoi, C., Dumitrescu, I., Silaghi-Dumitrescu, L., Loghin, F. (2013): Evaluation of the possible endocrine disruptive effect of butylated hydroxyanisole, butylated hydroxytoluene and propyl gallate in immature female rats. *Farmacologia* 61, 202-211.
55. Filip, A., Postescu, I. D., **Bolfa, P.**, Catoi, C., Muresan, A., Clichici, S. (2013): Inhibition of UVB-induced skin phototoxicity by a grape seed extract as modulator of nitrosative stress, ERK/NF-κB signaling pathway and apoptosis, in SKH-1 mice. *Food and Chemical Toxicology* 57, 296-306.
56. Crisan, M., David, L., Moldovan, B., Vulcu, A., Dreve, S., Schrepler, M. P., Tatomir, C., Filip, A., **Bolfa, P.**, Achim, M., Chiorean, I., Kacso, I., Grosan, C. B., Olenic, L. (2013). New Nanomaterials for the improvement of psoriatic lesions. *Journal of Materials Chemistry B* 1, 3152-3158.
57. Taulescu, M. A., **Bolfa, P.**, Buiga, R., Gal, A. F., Sevastre, B., Morar, I., Catoi, C. (2012): Metastatic cholangiocarcinoma in a llama (*Lama glama*). *Journal of Veterinary Diagnostic Investigation* 24, 986-989.

58. Olteanu, E. D., Filip, A., Clichici, S., Daicoviciu, D., Achim, M., Postescu, I. D., **Bolfa, P.**, Bolojan, L., Vlase, L., Muresan, A. (2012): Photochemoprotective effect of *Calluna vulgaris* extract on skin exposed to multiple doses of ultraviolet B in SKH-1 hairless mice. *Journal of Environmental Pathology, Toxicology and Oncology*. 31, 233-243.
59. **Bolfa, P.**, Leroux, C., Pinteau, A., Andrei, S., Catoi, C., Taulescu, M., Tabaran, F., Spinu, M. (2012): Oxidant-antioxidant imbalance in horses infected with equine infectious anaemia virus. *The Veterinary Journal* 192, 449-454. **Highlighted paper.**
60. Bejan, A., **Bolfa, P.\***, Magdas, C., Pop, R., Mircean, V., Catoi, C., Taulescu, M., Cozma, V. (2011): Morphological, histopathological and immunofluorescence characterization of *Cryptosporidium parvum* natural infection in goat kids from Romania. *Acta Veterinaria (Beograd)* 61, 609-619.
61. **Bolfa, P.**, Taulescu, M., Fit, N., Niculae, M., Tamas, M., Cuc, C., Spinu, M. (2011): Screening of five alcoholic plants extracts effects on the immune status of Romanian EIAV infected horses. *Romanian Biotechnological Letters* 16, 6730-6739.
62. Bouari, C., Fit, N., Rapuntean, S., Nadas, G., Gal, A., **Bolfa, P.**, Taulescu, M., Catoi, C. (2011): *In vitro* evaluation of the antimicrobial properties of some plant essential oils against clinical isolates of *Prototheca spp.* *Romanian Biotechnological Letters* 16, 6146-6152.
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7. Articles and books under consideration for publication (give name of publisher, names of co-authors, if any)
1. A Comprehensive Literature Review of Silicate pneumoconiosis and its presence in animal species: Randall Walker, Oscar Illanes, Pompei Bolfa. In preparation for Environmental Health Perspectives.