

# Curriculum Vitae

# TABARAN ALEXANDRU-FLAVIU

📍 Cluj-Napoca, Romania

[https://www.researchgate.net/profile/Flaviu\\_Tabaran](https://www.researchgate.net/profile/Flaviu_Tabaran)

- <https://binanomyc.wixsite.com/pn3-research-grant>
- ORCIDid: [orcid.org/0000-0001-5744-0451](https://orcid.org/0000-0001-5744-0451);
- PubMed profile: [Link](#)
- Google academic: [Link](#)

Date of birth: 06/09/1983 | Gender/marital status: Male / Married

## *DVM, Ph.D., MSc, Habil., Diplomate ACVP (Anatomic Pathology)*

### WORK EXPERIENCE

► Teaching	2021-Present	<b>Professor (Habilitation)</b> <ul style="list-style-type: none"><li>• Faculty of Veterinary Medicine, USAMV Cluj Napoca, Department of Anatomic Pathology</li></ul>
	2019-2021	<b>Associate Professor</b> <ul style="list-style-type: none"><li>• Faculty of Veterinary Medicine, USAMV Cluj Napoca, Department of Anatomic Pathology</li></ul>
	2013-2017	<b>Assistant professor and Lecturer</b> <ul style="list-style-type: none"><li>• Faculty of Veterinary Medicine, USAMV Cluj Napoca, Department of Anatomic Pathology</li></ul>
► Research	2017-2019	<b>Postdoctoral Research Pathologist (Comparative Pathology)</b> <ul style="list-style-type: none"><li>• The University of Minnesota, Masonic Cancer Center (Comparative Pathology Shared Resources), USA</li></ul>
	2011-Present	<b>Researcher / Research Assistant</b> <ul style="list-style-type: none"><li>• The Regional Institute of Gastroenterology and Hepatology -Prof. Dr. Octavian Fodor</li><li>• Iuliu Hatieganu University of Medicine and Pharmacy</li></ul>
► Diagnostic	2021-2022	<ul style="list-style-type: none"><li>• University of Minnesota, USA: Veterinary Pathologist, (contractor Biopsy service), remote</li></ul>
	2022 (June-Aug)	<ul style="list-style-type: none"><li>• University of Wyoming, Wyoming State Veterinary Laboratory, USA, Veterinary Pathologist (full-time, locum)</li></ul>
► Invited/ Visiting Professor	2023 (January)	<ul style="list-style-type: none"><li>• Ross University, School of Medicine and Veterinary Medicine, St. Kitts</li></ul>

### EDUCATION, TRAINING, and DEGREES

2018-Present	<b>Diplomate, American College of Veterinary Pathology (ACVP) (Anatomic Pathology)</b>
2017-2019	<b>Postdoctoral Research Pathologist (Comparative Pathology)</b> <ul style="list-style-type: none"><li>• University of Minnesota, Comparative Pathology Shared Resource (CPSR), Masonic Cancer Center, USA</li></ul>
2014-2015	<b>Postdoctoral Scientist</b> <ul style="list-style-type: none"><li>• Iuliu Hatieganu University of Medicine and Pharmacy</li><li>• USAMV Cluj Napoca, Romania</li></ul>
2008 - 2012	<b>Ph.D. in Veterinary Medicine (Anatomic Pathology).</b> <ul style="list-style-type: none"><li>• USAMV Cluj Napoca, Romania</li></ul>
2011 (March-July)	<b>Externship</b> <ul style="list-style-type: none"><li>• Universite du Liege, Belgium (Department of Anatomic Pathology)</li></ul>
2008 - 2010	<b>Master of Science (MSc) Pathological and Laboratory diagnostics</b> <ul style="list-style-type: none"><li>• USAMV Cluj Napoca, Romania</li></ul>
2002 - 2008	<b>Doctor of Veterinary Medicine (DVM)</b> <ul style="list-style-type: none"><li>• USAMV Cluj Napoca, Romania</li></ul>

#### Main pathology abilities

- **Research:** Toxicologic pathology (using in vivo rodent models); Special technique of microscopy: Confocal laser scanning microscopy (including image processing, fluorescence quantification, morphometry, etc.) and Dark Field Hyperspectral Imaging (CytoViva/DF HSI).
- **Diagnostic:** Veterinary diagnostic pathology, including good experience in virtual histopathology (using CaseViewer or ImageScope software)

## SPOKEN LANGUAGES

- English (Fluent), French(Fluent)

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## SCIENTIFIC INFORMATION

### PROFESSIONAL SOCIETIES

- **American College of Veterinary Pathologists (ACVP)**
- **Society of Toxicologic Pathology (STP)**
- **European Society of Toxicologic Pathology (ESTP)**
- **European Society of Veterinary Pathology (ESVP)**

### PUBLICATION RECORD

- **Scientific publications – Full Papers: 150** [main author= 30 and 120- as co-author] (please see the Publication List).
- **Scientific publications –Books**
  - Main Author: 3 manuals
  - Three chapters as the primary author (edited in Romanian)
  - 5 chapters as co-author (edited in English, in international publishing houses).
  - Co-author for two manuals

### AUTHOR LEVEL METRICS

- **2721 citations** (Google Scholar); **1212 citations** (Thomson Reuters-Web of Science)
- **h-index** [Hirsch factor]: **27** (Google Scholar); **17** (Thomson Reuters-Web of Science)
- **i10: 53**

### REVIEWER

- Emerging Infectious Disease, ● JAVMA ● Journal of Medicinal Food, ● World Journal of Clinical Cases, ● International Journal of Nanomedicine, ● Mini-Reviews in Medicinal Chemistry, ● Pathology and Laboratory Medicine International ● World Journal of Stem Cells, ● International Journal Of General Medicine, etc.

### Grant REVIEWER

- Scientific projects: National Science Centre, Poland (NCN), Life Sciences (Diagnostic tools, therapies, and public health):

### EDITOR

- **Associated Editor** ● Frontiers in Veterinary medicine, ● Applied Sciences, ● Sensors ● Regulatory Mechanisms in Biosystems, ● World Journal of Biological Chemistry, ● Anti-Infective Agents, ● Theoretical and Applied Veterinary Medicine,
- Animal Biology & Animal Husbandry - International Journal of the Bioflux Society, ● Porcine Research.

### PATENTS

- Patent Number: **RO130790-A2**; Title (original in Romanian): -Process For Preparing A Product To Be Applied For Preventing Colon Neoplasia
- Patent Number: **RO130792-A2**; Title (original in Romanian): -Process For Preparing A Nanostructured Product To Be Applied In Immunoprophylaxis Of Pancreatic Cancer.
- Patent Number: **RO132021-A0**: -Fodder Additive Based On German Variety Of Artemisia Annua, Hybrid A3, For Coccidiosis Prophylaxis In Poultry Raised For Meat

### SCIENTIFIC PROJECTS:

- **Director: PN-III-P1-1.1-PD-2016-1840**: "Mannan-Coated Gold-Silver Alloy Nanoparticles for Delivery to Immune Cells: New Approaches to Targeted Therapy for Tuberculosis"
- **Principal investigator- PNII PCCA(134/2014)** "Treatment of the degenerative retinal diseases using nanotechnology."
- **Principal investigator-Award: Interstellar initiative projects** (Financed by the New York Academy of Science and the Japan Agency for Medical Research and Development)
- **Key expert in another** ► 21 national research projects (financed by the National Ministry of Education) ► International research projects; **Contract nr. 2015-1-AT01-KA203-004984.**

### PRIZES AND AWARDS

- **"Danubius young researcher award"** by the Austrian Federal Ministry for Science, Research and Economy BMWFV);
- **"Best Ph.D. Thesis in Toxicological Pathology"** by the European Society of Toxicologic Pathology (ESTP), Berlin, 2014;
- 32 national prizes: Awards of the Research Results for Scientific publication by UEFISCDI of the Ministry of Education and Scientific Research (Romania);

## Publication List: Tăbăran Alexandru-Flaviu

### ► JOURNAL ARTICLES (Full Articles) PUBLISHED IN JOURNALS LISTED BY WOS

#### -2022-

1. **Tabaran, A. F.**, Armien, A. G., Pluhar, G. E., & O'Sullivan, M. G. (2022). Meningioma with rhabdoid features: Pathologic findings in dogs. *Veterinary Pathology*, 2022 Sep;59(5):759-767.
2. Danciu, C. G., Milgram, J., Ober, C. A., **Tăbăran, F. A.**, Demény, H., & Chai, O. (2022). Coxofemoral luxation as a complication of localised tetanus in a cat. *Journal of Feline Medicine and Surgery Open Reports*, 8(1), 20551169221090889.
3. Constantin, I., & **Tăbăran, A. F.** (2022). Dissection Techniques and Histological Sampling of the Heart in Large Animal Models for Cardiovascular Diseases. *Journal of Visualized Experiments: Jove*, (184).
4. Pop, Romelia, **Alexandru-Flaviu Tăbăran**, Andrei Paul Ungur, Andrada Negoescu, and Cornel Cătoi. "Helicobacter Pylori-induced gastric infections: From pathogenesis to novel therapeutic approaches using silver nanoparticles." *Pharmaceutics* 14, no. 7 (2022): 1463.

#### -2021-

5. Harris, Michael A., Huihui Kuang, Zachary Schneiderman, Maple L. Shiao, Andrew T. Crane, Matthew R. Chrostek, **Alexandru-Flaviu Tăbăran** et al. "ssDNA nanotubes for selective targeting of glioblastoma and delivery of doxorubicin for enhanced survival." *Science Advances* 7, no. 49 (2021): eabl5872.
6. Trombitaş, V. E., Nagy, A. A., Berce, C., Pall, E., **Tăbăran, F.**, Ilea, A., & Albu, S. (2021). The Role of Mesenchymal Stem Cells in the Treatment of a Chronic Rhinosinusitis—An In Vivo Mouse Model. *Microorganisms*, 9(6), 1182.
7. Tiboc Schnell, C.N., Filip, G.A., Decea, N., Moldovan, R., Opris, R., Man, S.C., Moldovan, B., David, L., **Tabaran, F.**, Olteanu, D. and Gheldiu, A.M., 2021. The impact of Sambucus nigra L. extract on inflammation, oxidative stress and tissue remodeling in a rat model of lipopolysaccharide-induced subacute rhinosinusitis. *Inflammopharmacology*, 29(3), pp.753-769.
8. Jeican, Ionuț Isaia, Patricia Inișca, Dan Gheban, **Flaviu Tăbăran**, Maria Aluaș, Veronica Trombitas, Victor Cristea, Carmen Crivii, Lia Monica Junie, and Silviu Albu. "COVID-19 and Pneumocystis jirovecii pulmonary coinfection—the first case confirmed through autopsy." *Medicina* 57, no. 4 (2021): 302.
9. Stefan, Maria, Cristian Leostean, Ovidiu Pana, Maria Suci, Adriana Popa, Dana Toloman, Sergiu Macavei, Constantin Bele, Flaviu Tabaran, and Lucian Barbu-Tudoran. "Synthesis and characterization of Fe<sub>3</sub>O<sub>4</sub>–ZnS: Mn nanocomposites for biomedical applications." *Materials Chemistry and Physics* 264 (2021): 124474.
10. Crisan, Corina Michaela, Teodora Mocan, Meda Manolea, Lavinia Iulia Lasca, **Flaviu- Alexandru Tăbăran**, and Lucian Mocan. "Review on silver nanoparticles as a novel class of antibacterial solutions." *Applied Sciences* 11, no. 3 (2021): 1120.
11. Mărza, S.M., Magyari, K., Bogdan, S., Moldovan, M., Peștean, C., Nagy, A., Gal, A.F., **Tăbăran, F.**, Purdoi, R.C., Licărete, E. and Suarasan, S., 2021. The Impact of Composites with Silicate-Based Glasses and Gold Nanoparticles on Skin Wound Regeneration. *Molecules*, 26(3), p.620.
12. Negru, M; Toma, C; Popa, R, Marica, R, Biris, A Catoi, C, Taulescu, M, Tabaran, F, Fotea, Epidemiological Study Of The Canine Cutaneous Mast Cell Tumor, 2021, 31 (2) , pp.6-10

#### -2020-

13. Demeny, H., Florea, B., **Tabaran, F.**, Danciu, C.G. and Ognean, L., 2020. EEG patterns orienting to Lafora disease diagnosis—a case report in two Beagles. *Frontiers in veterinary science*, 7, p.589430.
14. Pivariu, D., Oros, A.N., **Tabaran, F.**, Gal, A., Martonos, C. and Nagy, A.L., 2020. Intentional Carbofuran poisoning in 7 dogs. *BMC veterinary research*, 16(1), pp.1-9.

15. Pop, Oana L., Amalia Mesaros, Dan C. Vodnar, Ramona Suharoschi, **Flaviu Tăbăran**, Lidia Magerușan, István Sz Tódor et al. "Cerium oxide nanoparticles and their efficient antibacterial application in vitro against gram-positive and gram-negative pathogens." *Nanomaterials* 10, no. 8 (2020): 1614.
  16. Tiboc-Schnell, C. N., Filip, G. A., Man, S. C., Decea, N., Moldovan, R., Opris, R., ... & **Tabaran, F.** (2020). Quercetin attenuates naso-sinusal inflammation and inflammatory response in lungs and brain on an experimental model of acute rhinosinusitis in rats. *Journal of Physiology and Pharmacology*, 71(4).
  17. Vilcu, M., Scurtu, I., Ohad, D. G., Papuc, I., Scurtu, L., & **Tabaran, F.** (2020). Canine infantile left ventricular noncompaction. *BMC veterinary research*, 16(1), 1-6.
  18. Aravalli, Rajagopal N., Dusty Van Helden, Dalong Liu, Parker O'Brien, Hasan Aldiabat, **Alexandru-Flaviu Tăbăran**, M. Gerard O'Sullivan, H. Brent Clark, John W. Osborn, and Emad S. Ebbini. "Precision targeted ablation of fine neurovascular structures in vivo using dual-mode ultrasound arrays." *Scientific reports* 10, no. 1 (2020): 1-13.
  19. Bogdan-Cătălin, A., Monica Popa, Liviu Oana, Carmen Georgiu, **Flaviu Tabaran**, Adrian Macri, Purdoiu Robert et al. "Induction of chronic marginal periodontitis in an experimental sheep model: clinical, radiological and histological evaluation." (2020).
  20. Duțu, A.G., Vlad, D., Drugan, C., Crăciun, A.M., Drugan, T.C., **Tabaran, F.** and Albu, S., 2018. Biochemical markers of inflammatory syndrome in chronic rhinosinusitis. *Rom Biotech Lett*, 25, pp.1456-1464.
  21. Gal, A. F., Stan, L., **Tăbăran, F.**, Rugină, D., Cătoi, A. F., & Andrei, S. (2020). Chemopreventive effects of propolis in the MNU-induced rat mammary tumor model. *Oxidative Medicine and Cellular Longevity*, 2020.
  22. Ou, L., Przybilla, M. J., **Tăbăran, A. F.**, Overn, P., O'Sullivan, M. G., Jiang, X., ... & Whitley, C. B. (2020). A novel gene editing system to treat both Tay–Sachs and Sandhoff diseases. *Gene therapy*, 27(5), 226-236.
  23. **Tăbăran, Alexandru-Flaviu**, Cristian Tudor Matea, Teodora Mocan, Alexandra Tăbăran, Marian Mihaiu, Cornel Iancu, and Lucian Mocan. "Silver nanoparticles for the therapy of tuberculosis." *International journal of nanomedicine* 15 (2020): 2231.
  24. Manciuța, Lavinia-Gianina, Cristian Berce, **Flaviu Tabaran**, Veronica Trombitaș, and Silviu Albu. "The effects of postoperative astaxanthin administration on nasal mucosa wound healing." *Journal of clinical medicine* 8, no. 11 (2019): 1941.
  25. Rugină, D., Ghiman, R., Focșan, M., **Tăbăran, F.**, Copaciu, F., Suci, M., ... & Aștilean, S. (2019). Resveratrol-delivery vehicle with anti-VEGF activity carried to human retinal pigmented epithelial cells exposed to high-glucose induced conditions. *Colloids and Surfaces B: Biointerfaces*, 181, 66-75.
  26. **Tăbăran, Alexandru-Flaviu**, M. Gerard O'Sullivan, Donna E. Seabloom, Karin R. Vevang, William E. Smith, Timothy S. Wiedmann, and Lisa A. Peterson. "Inhaled furan selectively damages club cells in lungs of A/J mice." *Toxicologic pathology* 47, no. 7 (2019): 842-850.
  27. Popescu, R. A., **Tăbăran, F. A.**, Bogdan, S., Fărcășanu, A., Purdoiu, R., Magyari, K., ... & Baia, L. (2020). Bone regeneration response in an experimental long bone defect orthotopically implanted with alginate-pullulan-glass-ceramic composite scaffolds. *Journal of Biomedical Materials Research Part B: Applied Biomaterials*, 108(3), 1129-1140.
- 2019-**
28. Morar, Iulia-Ioana, **Flaviu-Alexandru Tabăran**, Teodora Mocan, Elena-Mihaela Jianu, Meda-Sandra Orăsan, Alexandra-Dana Pop, and Remus-Ioan Orăsan. "Immunohistochemical study of psoriatic plaques and perilesional skin in psoriasis vulgaris patients: A pilot study." *Experimental and Therapeutic Medicine* 18, no. 2 (2019): 888-894.
  29. Trambitas, Cristian, Anca Maria Pop, Alina Dia Trambitas Miron, Dorin Constantin Dorobantu, **Flaviu Tabaran**, Bogdan Cordos, Bogdan Andrei Suci, And Klara Brinzaniuc. "Regeneration of Bone Defects Using Bioactive Glass Combined with Adipose-derived Mesenchymal Stem Cells." *environment* 13: 16.
  30. Pop, L. M., **Tăbăran, A. F.**, Paștiu1&, A. I., Kalmar, Z., Mircean, M., Dumitrache, M. O., & Magdaș, C. (2019). Immune response of broiler chickens fed diets supplemented with artemisinin. *Romanian Biotechnological Letters*, 24(3), 425-431.

31. Mârza, S. M., K. Magyari, S. Bogdan, M. Moldovan, C. Peştean, A. Nagy, **F. Tăbăran** et al. "Skin wound regeneration with bioactive glass-gold nanoparticles ointment." *Biomedical Materials* 14, no. 2 (2019): 025011.
32. Przybilla, Michael J., Li Ou, **Alexandru-Flaviu Tăbăran**, Xuntian Jiang, Rohini Sidhu, Pamela J. Kell, Daniel S. Ory, M. Gerard O'Sullivan, and Chester B. Whitley. "Comprehensive behavioral and biochemical outcomes of novel murine models of GM1- gangliosidosis and Morquio syndrome type B." *Molecular genetics and metabolism* 126, no. 2 (2019): 139-150.
33. Györke, A., L. M. Pop, M. Mircean, Z. Kalmár, **A. F. Tăbăran**, A. I. Paştiu, M. O. Dumitrache et al. "Metabolic and tissular effects of artemisinin supplemented diets in broiler chicken." *Polish Journal of Veterinary Sciences* 2 (2019).

**-2018-**

34. Catana, CS, Magdas, C., Budisan, L., Craciun, EC, **Tabaran F**, Deak, G, Magdas, VA Peştean, Ciprian Ober, I. Berindan-Neagoe, Vasile Cozma, A Cozma-Petruţ, And Dan Lucian Dumitraşcu. "The Administration Of Trichuris Suis Ova Extract Decreases Il-17/Il- 23 Levels In Experimental Inflammatory Bowel Disease." *Farmacica*, 6/2018
35. Deak, G., Mihalca, A. D., Hirmann, J., Colella, V., **Tăbăran, F. A.**, Cavalera, M. A., ... Gherman, C. M. (2018). Validity of genus *Perostrostrongylus* Schlegel, 1934 with new data on *Perostrostrongylus falciformis* (Schlegel, 1933) in European badgers, *Meles meles* (Linnaeus, 1758): distribution, life-cycle and pathology. *Parasites & vectors*, 11(1), 1-16.
36. Vasii I, **Tăbăran FL**, Pop AR, Brudaşcă FG, Tvarijonaviciute AS, Dąbrowski RO. Usefulness of cytological evaluation of milk in diagnosing mastitis in bitches. *Medycyna Weterynaryjna*. 2018 Oct 1;74(10):640-5.
37. Catana, Cristina S., Cristian Magdas, **Flaviu A. Tabaran**, Elena Cristina Craciun, Georgiana Deak, Virginia Ana Magdas, Vasile Cozma, Călin M. Gherman, Ioana Berindan-Neagoe, and Dan Lucian Dumitrascu. "Comparison of two models of inflammatory bowel disease in rats." *Adv. Clin. Exp. Med* 27 (2018): 599-607.
38. Fodor, P., Fodor, R., Solyom, A., Catoi, C., **Tabaran, F.**, Lacatus, R., ... & Bataga, T. (2018). Autologous matrix-induced chondrogenesis vs. microfracture with PRP for chondral lesions of the knee in a rabbit model. *Rev. Chim*, 69, 894-900.
39. Paşcalău, V., Dindelegan, G., Dirzu, N., Salantiu, A.M., Pavel, C., Dudescu, M.C., Popa, F., Borodi, G., **Tabaran, F.**, Iuga, C.A. and Popa, C., 2018. Bioactive Ti-base biomaterial with sustained anti-bacterial response for endosseous applications. *Reactive and Functional Polymers*, 125, pp.37-46.
40. Crecan, C. M., Simona Luminita Oprean, Mirela Alexandra Tripon, C. Peştean, L. Oana, C. Ober, **F. Tăbăran** et al. "AD biophytomodulators promote healing similarly to hyaluronic acid in induced chondral lessions." *Revista Română de Medicină Veterinară* 28, no. 4 (2018): 25-34.
41. Fodor, Pal, Arpad Solyon, Raluca Fodor, Cornel Catoi, **F. A. Tabaran**, R. Lăcătuş, Cristian Trambitas, and Tiberiu Bataga. "Role of the biomimetic scaffolds in the regeneration of articular tissue in deep osteochondral defects in a rabbit model." *Rev. Chim* 69, no. 1 (2018).
42. Hubbard, Molly E., Susan Arnold, Abdullah Bin Zahid, Matthew McPheeters, M. Gerard O'Sullivan, **Alexandru-Flaviu Tabaran**, Matthew A. Hunt, and G. Elizabeth Pluhar. "Naturally occurring canine glioma as a model for novel therapeutics." *Cancer Investigation* 36, no. 8 (2018): 415-423.
43. Matea, Cristian T., Teodora Mocan, **Flaviu Tabaran**, Teodora Pop, Ofelia Mosteanu, Lucian Mocan, and Claudiu Zdrehus. "Evaluation Of Capping Agents For Silver Nanoparticles." *Studia Universitatis Babes-Bolyai, Chemia* 63, no. 4 (2018).
44. Matea, Cristian T., Teodora Mocan, **Flaviu Tabaran**, Teodora Pop, Ofelia Mosteanu, Lucian Mocan, and Claudiu Zdrehus. "Synthesis and characterization of muc-1 functionalized gold nanoparticles." *Studia Universitatis Babes-Bolyai Chemia* 63, no. 3 (2018): 129-135.

**-2017-**

45. Cora, R., Gal, A. F., Taulescu, M., **Tăbăran, F.**, Vidrighinescu, R., & Cătoi, C. (2017). Description of a feline injection-site fibrosarcoma with metastasis in the cerebellum. *Acta Vet Hung*, 67, 578-586.
46. Diaconeasa, Zoriţa, Huseyin Ayvaz, Dumitriţa Rugină, Loredana Leopold, Andreea Stănilă, Carmen Socaciu, **Flaviu Tăbăran** et al. "Melanoma inhibition by anthocyanins is

- associated with the reduction of oxidative stress biomarkers and changes in mitochondrial membrane potential." *Plant Foods for Human Nutrition* 72, no. 4 (2017): 404-410.
47. Scurtu, Iuliu, **Flaviu Tabaran**, Mircea Mircean, Gavril Giurgiu, Andras Nagy, Cornel Catoi, and Dan G. Ohad. "Combined double chambered right ventricle, tricuspid valve dysplasia, ventricular septal defect, and subaortic stenosis in a dog." *BMC veterinary research* 13, no. 1 (2017): 1-7.
  48. Diaconeasa, Z., D. Rugină, C. Coman, C. Socaciu, L. F. Leopold, A. Vulpoi, **F. Tăbăran** et al. "New insights regarding the selectivity and the uptake potential of nanoceria by human cells." *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 532 (2017): 132-139.
  49. Chirila, Flore, Alexandra Tabaran, Nicodim Fit, George Nadas, Marian Mihaiu, **Flaviu Tabaran**, Cornel Cătoi, Oana Lucia Reget, and Sorin Daniel Dan. "Concerning increase in antimicrobial resistance in Shiga toxin-producing *Escherichia coli* isolated from young animals during 1980–2016." *Microbes and environments* (2017): ME17023.
  50. Dănilă, Oana-Ofelia, Alexandra Sevastre Berghian, Vlad Dionisie, Dan Gheban, Diana Olteanu, **Flaviu Tabaran**, Ioana Baldea et al. "The effects of silver nanoparticles on behavior, apoptosis and nitro-oxidative stress in offspring Wistar rats." *Nanomedicine* 12, no. 12 (2017): 1455-1473.
  51. Mircean, Mircea, Angela Monica Ionică, Viorica Mircean, Adriana Györke, Andrei Răzvan Codea, **Flaviu Alexandru Tăbăran**, Marian Taulescu, and Mirabela Oana Dumitrache. "Clinical and pathological effects of *Dirofilaria repens* and *Dirofilaria immitis* in a dog with a natural co-infection." *Parasitology international* 66, no. 3 (2017): 331-334.
  52. Rugină, Dumitrița, Daniela Hanganu, Zorița Diaconeasa, **Flaviu Tăbăran**, Cristina Coman, Loredana Leopold, Andrea Bunea, and Adela Pinte. "Antiproliferative and apoptotic potential of cyanidin-based anthocyanins on melanoma cells." *International Journal of Molecular Sciences* 18, no. 5 (2017): 949.
  53. Ionel, Anca, Ondine Lucaciu, **Flaviu Tăbăran**, Cristian Berce, Septimiu Toader, Lucia Hurubeanu, Cosmina Bondor, and Radu S. Câmpian. "Histopathological and clinical expression of periodontal disease related to the systemic inflammatory response." (2017).
  54. Tudor, Diana, Iuliana Nenu, Gabriela Adriana Filip, Diana Olteanu, Mihai Cenariu, **Flaviu Tabaran**, Rodica Mariana Ion, Lucian Gligor, and Ioana Baldea. "Combined regimen of photodynamic therapy mediated by Gallium phthalocyanine chloride and Metformin enhances anti-melanoma efficacy." *PloS one* 12, no. 3 (2017): e0173241.
  55. Mocan, Lucian, Cristian Matea, **Flaviu A. Tabaran**, Ofelia Mosteanu, Teodora Pop, Cosmin Puia, Lucia Agoston-Coldea et al. "Selective ex vivo photothermal nano-therapy of solid liver tumors mediated by albumin conjugated gold nanoparticles." *Biomaterials* 119 (2017): 33-42.
  56. Tabaran, A., Mihaiu, M., **Tăbăran, F.**, Colobatiu, L., Reget, O., Borzan, M. M., & Dan, S. D. (2017). First study on characterization of virulence and antibiotic resistance genes in verotoxigenic and enterotoxigenic *E. coli* isolated from raw milk and unpasteurized traditional cheeses in Romania. *Folia microbiologica*, 62(2), 145-150.
  57. Pop, Loredana Maria, Laura Cristina Ștefănuț, **Alexandru Flaviu Tăbăran**, Anamaria Ioana Paștiu, Zsuzsa Kalmár, Cristian Alexandru Magdaș, Viorica Mircean, and Adriana Györke. "Influence of dietary artemisinin supplementation on productive performance and haematological parameters of broiler chickens." *Revista Brasileira de Zootecnia* 46 (2017): 130-137.
  58. D'Amico, G., J. Juránková, **F. A. Tăbăran**, L. Frgelecová, P. Forejtek, I. A. Matej, A. M. Ionică, A. Hodžić, D. Modrý, and A. D. Mihalca. "Occurrence of ticks in the subcutaneous tissue of red foxes, *Vulpes vulpes* in Czech Republic and Romania." *Ticks and tick-borne diseases* 8, no. 2 (2017): 309-312.
  59. Gherman, Claudia D., Cornel Catoi, Carmen Socaciu, Adela Pinte, Nechita A. Oros, **Flaviu Tabaran**, Andras-Laszlo Nagy et al. "IN vitro toxicology: From INtestine to brain." *ALTEX- Alternatives to animal experimentation* 34, no. 3 (2017): 439-440.
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### III

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