

Curriculum Vitae

TABARAN ALEXANDRU-FLAVIU

📍 Cluj-Napoca, Romania

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- <https://binanomyc.wixsite.com/pn3-research-grant>
- ORCID id: orcid.org/0000-0001-5744-0451;
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- alexandru.tabaran@usamvcluj.ro, flaviutabaran@gmail.com

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 **Professor (Habil.)**
 - Faculty of Veterinary Medicine, USAMV Cluj Napoca, Department of Anatomic Pathology
 - 2019-2021 **Associate Professor**
 - Faculty of Veterinary Medicine, USAMV Cluj Napoca, Department of Anatomic Pathology
 - 2013-2017 **Assistant professor and Lecturer**
 - Faculty of Veterinary Medicine, USAMV Cluj Napoca, Department of Anatomic Pathology
- ▶ **Research**
 - 2017-2019 **Postdoctoral Research Pathologist (Comparative Pathology)**
 - The University of Minnesota, Masonic Cancer Center (Comparative Pathology Shared Resources), USA
 - 2011-Present **Researcher / Research Assistant**
 - The Regional Institute of Gastroenterology and Hepatology -Prof. Dr. Octavian Fodor
 - Iuliu Hatieganu University of Medicine and Pharmacy
- ▶ **Diagnostic**
 - 2011-Present
 - Biopsy service, Faculty of Veterinary Medicine, USAMV Cluj Napoca
 - 2021-Present
 - Biopsy service, University of Minnesota, MN, USA
 - 2019-Present
 - Biopsy service, iCLinPath International Diagnostic, CA, USA

EDUCATION, TRAINING, and DEGREES

- 2018-Present **Diplomate, American College of Veterinary Pathology (ACVP) (Anatomic Pathology)**
- 2017-2019 **Postdoctoral Research Pathologist (Comparative Pathology)**
 - University of Minnesota, Comparative Pathology Shared Resource (CPSR), Masonic Cancer Center, USA
- 2014-2015 **Postdoctoral Scientist**
 - Iuliu Hatieganu University of Medicine and Pharmacy
 - USAMV Cluj Napoca, Romania
- 2008 - 2012 **Ph.D. in Veterinary Medicine (Anatomic Pathology).**
 - USAMV Cluj Napoca, Romania
- 2011 (March-July) **Externship**
 - Universite du Liege, Belgium (Department of Anatomic Pathology)
- 2008 - 2010 **Master of Science (MSc) Pathological and Laboratory diagnostics**
 - USAMV Cluj Napoca, Romania
- 2002 - 2008 **Doctor of Veterinary Medicine (DVM)**
 - USAMV Cluj Napoca, Romania
- 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	<ul style="list-style-type: none"> ● English (Fluent), French (Fluent)
SCIENTIFIC INFORMATION	
PROFESSIONAL SOCIETIES	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● Scientific publications – Full Papers: 150 [main author= 30 and 120- as co-author] (please see the Publication List). ● Scientific publications –Books <ul style="list-style-type: none"> - Main Author: 3 manuals - Three chapters as primary author (edited in Romanian) - 5 chapter as co-author (edited in English, in international publishing houses). - Co-author for two manuals
AUTHOR LEVEL METRICS	<ul style="list-style-type: none"> ● 2012 citations (Google Scholar); 1212 citations (Thomson Reuters-Web of Science) ● h-index [Hirsch factor]: 23(Google Scholar);17 (Thomson Reuters-Web of Science) ● i10: 44
REVIEWER	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● Scientific projects: National Science Centre, Poland (NCN), Life Sciences (Diagnostic tools, therapies, and public health):
EDITOR	<p>Associated Editor ●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.</p>
PATENTS	<ul style="list-style-type: none"> ●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 Annu, Hybrid A3, For Coccidiosis Prophylaxis In Poultry Raised For Meat
SCIENTIFIC PROJECTS:	<ul style="list-style-type: none"> ●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 Institutional)- PNII PCCA(134/2014) "Treatment of the degenerative retinal diseases using nanotechnology." <p>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.</p>
PRIZES AND AWARDS	<ul style="list-style-type: none"> ●"Danubius young researcher award" by the Austrian Federal Ministry for Science, Research and Economy BMWFW); ●"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

I. ► JOURNAL ARTICLES (Full Papers) PUBLISHED IN JOURNAL LISTED BY WOS

	Per Reviewed JOURNAL ARTICLES	WOS IF (2019)
1.	Tăbăran, Alexandru-Flaviu , Cristian Tudor Matea, Teodora Mocan, Alexandra Tăbăran, Marian Mihaiu, Cornel Iancu, and Lucian Mocan. "Silver nanoparticles for the therapy of tuberculosis." <i>International journal of nanomedicine</i> [ISSN: 1176-9114 (print); 1178-2013 (web)], 15 2020,: pag. 2231—2258.	IF:5.115
2.	Tăbăran, A.F. , O'Sullivan, M.G., Seabloom, D.E., Vevang, K.R., Smith, W.E., Wiedmann, T.S. and Peterson, L.A., 2019. Inhaled furan selectively damages club cells in lungs of A/J mice. <i>Toxicologic pathology</i> [ISSN: 0192-6233 (print); 1533- 1601 (web)], 47(7), pag.842-850.	IF: 1.485
3.	Tăbăran, A. F. , Nagy, A. L., Cătoi, C., Morar, I., Tăbăran, A., Mihaiu, M., & Bolfa, P. (2015). Congenital diaphragmatic hernia with concurrent aplasia of the pericardium in a foal. <i>BMC veterinary research</i> [ISSN: 1746-6148], 11(1), 1.	IF: 1.835
4.	Flaviu Tăbăran , Attila David Sándor, Mihai Marinov, Cornel Cătoi, and Andrei Daniel Mihalca, (2013), "Alaria alata Infection in European Mink", <i>Emerging Infectious Diseases</i> [ISSN: 1080-6059], Vol. 19, No. 9, Pag. 1547-1549;	IF: 6.259
5.	Ou, Li, Michael J. Przybilla, Alexandru-Flaviu Tăbăran , Paula Overn, M. Gerard O'Sullivan, Xuntian Jiang, Rohini Sidhu, Pamela J. Kell, Daniel S. Ory, and Chester B. Whitley. "A novel gene editing system to treat both Tay–Sachs and Sandhoff diseases." <i>Gene therapy</i> 27, no. 5 (2020): 226-236.	IF: 4.128
6.	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." <i>Scientific reports</i> 10, no. 1 (2020): 1-13.	IF: 3.998
7.	Mocan, L., Matea, C., Tabaran, F. A* , Mosteanu, O., Pop, T., Puia, C., ... & Iancu, C. (2017). Selective ex vivo photothermal nano-therapy of solid liver tumors mediated by albumin conjugated gold nanoparticles. <i>Biomaterials</i> , 119, 33-42 (*equally credited author)	IF: 10.317
8.	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." <i>Molecular genetics and metabolism</i> (2018).	IF: 4.17
9.	Matea, C. T., Mocan, T., TABARAN, F. A * , Iancu, C., & Mocan, L. C. (2015). "Rational design of gold nanocarrier for the delivery of JAG-1 peptide". <i>Journal of Nanobiotechnology</i> , 13(1), 41 (*equal share with the first author).	IF: 6.518
11.	Demeny, Helga, Bogdan Florea, Flaviu Tabaran , Cecilia Gabriella Danciu, and Laurent Ognean. "EEG Patterns Orienting to Lafora Disease Diagnosis—A Case Report in Two Beagles." <i>Frontiers in veterinary science</i> 7 (2020).	IF: 2.245
12.	Popescu, Radu A., Flaviu A. Tăbăran , Sidonia Bogdan, Alexandru Fărcășanu, Robert Purdoi, Klara Magyari, Adriana Vulpoi et al. "Bone regeneration response in an experimental long bone defect orthotopically implanted with alginate-pullulan- glass-ceramic composite scaffolds." <i>Journal of Biomedical Materials Research Part B: Applied Biomaterials</i> 108, no. 3 (2020): 1129-1140.	IF: 2.831
13.	Rugină, Dumitrita, Raluca Ghiman, Monica Foçșan, Flaviu Tăbăran , Florina Copaciu, Maria Suci, Adela Pinte, and Simion Aștilean. "Resveratrol-delivery vehicle with anti-VEGF activity carried to human retinal pigmented epithelial cells exposed to high-glucose induced conditions." <i>Colloids and Surfaces B: Biointerfaces</i> 181 (2019): 66-75.	IF: 4.389
14.	Manciula, Lavinia-Gianina, Cristian Berce, Flaviu Tabaran , Veronica Trombitaş, and Silviu Albu. "The effects of postoperative astaxanthin administration on nasal mucosa wound healing." <i>Journal of clinical medicine</i> 8, no. 11 (2019): 1941.	IF: 3.303

15. Morar, I. I., **Tabăran, F. A.**, Mocan, T., Jianu, E. M., Orăsan, M. S., Pop, A. D., & Orăsan, R. I. IF: 1.785
Immunohistochemical study of psoriatic plaques and perilesional skin in psoriasis vulgaris patients: A pilot study. *Experimental and Therapeutic Medicine*.2019 Aug; 18(2): 888–894.
16. Regeț, Oana, Ionut Cordis, Sorin Daniel Dan, Maria. Mihaiu, **Flaviu Tabaran**, and Alexandra Tabaran. IF: 0.765
"Comparative evaluation of nutritional and quality factors of pork meat products obtained traditionally in Romania and in the industrial system." *Romanian Biotechnological Letters* 25, no. 1 (2020): 1260-1266.
17. Ou, Li, Michael J. Przybilla, **Alexandru-Flaviu Tăbăran**, Paula Overn, M. Gerard O'Sullivan, Xuntian Jiang, Rohini Sidhu, Pamela J. Kell, Daniel S. Ory, and Chester B. Whitley. IF: 4.128
"A novel gene editing system to treat both Tay–Sachs and Sandhoff diseases." *Gene therapy* 27, no. 5 (2020): 226-236.
18. 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. Volume: 2020, Article Number: 4014838 IF: 5.067
19. Duțu, Alina Gabriela, Diana Vlad, Cristina Drugan, Alexandra M. Crăciun, Tudor C. Drugan, **Flaviu Tabaran**, and Silviu Albu. IF: 0.765
"Biochemical markers of inflammatory syndrome in chronic rhinosinusitis." *Rom Biotech Lett* 25 (2018): 1456-1464.
20. Bogdan-Cătălin Alexandru, Monica Popa, Liviu Oana, Carmen Georgiu, **Flaviu Tabaran**, Adrian Macri, Purdoiu Robert et al. IF: 0.765
"Induction of chronic marginal periodontitis in an experimental sheep model: clinical, radiological and histological evaluation." (2020).
21. Crisan, Corina Michaela, Teodora Mocan, Meda Manolea, Lavinia Iulia Lasca, **Flaviu-Alexandru Tăbăran**, and Lucian Mocan. IF: 2.474
"Review on Silver Nanoparticles as a Novel Class of Antibacterial Solutions." *Applied Sciences* 11, no. 3 (2021): 1120. pag. 1-18
22. 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. IF: 3.998
"Precision Targeted Ablation of Fine Neurovascular Structures In Vivo Using Dual-mode Ultrasound Arrays." *Scientific reports* 10, no. 1 (2020): 1-13.
23. Pop, Oana L., Amalia Mesaros, Dan C. Vodnar, Ramona Suharoschi, **Flaviu Tăbăran**, Lidia Magerușan, István Sz Tódor et al. IF: 4.324
"Cerium Oxide Nanoparticles and Their Efficient Antibacterial Application In Vitro against Gram-Positive and Gram- Negative Pathogens." *Nanomaterials* 10, no. 8 (2020): 1614.
24. Catana, C. S., Magdas, C., **Tabaran, F. A***, Crăciun, E. C., Deak, G., Magdaș, V. A., ... & Dumitrașcu, D. L. (2018). Comparison of two models of inflammatory bowel disease in rats. *Adv Clin Exp Med*, 27(5), 599-607 (***corresponding author**). IF: 1.514
25. Scurtu, I., **Tabaran, F ***, Mircean, M., Giurgiu, G., Nagy, A., Catoi, C., & Ohad, D. G. (2017). IF: 1.835
Combined double-chambered right ventricle, tricuspid valve dysplasia, ventricular septal defect, and subaortic stenosis in a dog. *BMC veterinary research*, 13(1), 367. (***corresponding author**)
26. Pașcalău, 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 Pages: 37-46 (**"All authors are equally contributed to this paper"**) IF: 3.333
27. Clichici, S., Biris, A. R., Catoi, C., Filip, A., & **Tabaran, F***. (2014). Short-term splenic impact of single-strand DNA functionalized multi-walled carbon nanotubes intraperitoneally injected in rats. *Journal of Applied Toxicology*, 34(4), 332-344. (***last / senior author**) IF: 2.997
28. L. Lucan, V.C. Lucan, **F.A. TABARAN, F ***. Stamatian, (2013), "Changes In The Urinary Bladder Morphology, Mast Cell Population And Estrogen Receptor Alpha Expression Following Ovariectomy And Chronic Estrogen Replacement therapy in Albino Rats", *Acta Endocrinologica* (Buc); XI(1): Pag.11-22.(***corresponding author**) IF: 0.55
29. Mocan, L., Matea, C., **Tabaran, F. A***, Mosteanu, O., Pop, T., Puia, C., ... & Iancu, C. (2017). IF: 10.317
Selective ex vivo photothermal nano-therapy of solid liver tumors mediated by albumin conjugated gold nanoparticles. *Biomaterials*, 119, 33-42 (***equally credited author**)

30. Mocan, L., Matea, C., **Tabaran, F. A***, Mosteanu, O., Pop, T., Puia, C., ... & Iancu, C. Selective in vitro photothermal nano-therapy of MRSA infections mediated by IgG conjugated gold nanoparticles." *Scientific Reports* 6 (2016). (***equal share with the first author**). IF: 3.998
31. Tabaran, A, Marian Mihaiu, **Flaviu Tăbăran***, Liora ColobatiuOana RegetMihai Marian BorzanSorin Daniel Da. "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* (2016): 1-6.(***corresponding author**) IF: 1.73
32. Nagy, A. L., Bolfa, P., Mihaiu, M., Catoi, C., Oros, A., Taulescu, M., & **TABARAN, F.*** (2015). Intentional fatal metallic phosphide poisoning in a dog—a case report. *BMC veterinary research*, 11(1), 158. (*** last/senior author**) IF: 1.835
33. Matea, C. T., Mocan, T., **TABARAN, F. A ***, Iancu, C., & Mocan, L. C. (2015). Rational design of gold nanocarrier for the delivery of JAG-1 peptide. *Journal of Nanobiotechnology*, 13(1), 41 (***equal share with the first author**). IF: 6.518
34. Loredana Maria Pop, **Alexandru Flaviu Tăbăran**, et al. "Immune response of broiler chickens fed diets supplemented with artemisinin." *Romanian Biotechnological Letters*, 2019, Volume: 24 Issue: Pages: 425-431 IF: 0.765
35. 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* (2018). IF: 4.17
36. Sorin Marza, Klara Magyari, Sidonia Bogdan, Mirela Moldovan, Cosmin Pestean, Andras Nagy, **Flaviu Tabaran**, Emilia Licarete, Sorina Suarasan, Alexandra Dreanca, Lucian Baia, Ionel Papuc, 2019, Skin wound regeneration with bioactive glass-gold nanoparticles ointment. *Biomedical Materials*; 14(2) IF: 3.174
37. Deak, G., Mihalca, A. D., Hirzmann, J., Colella, V., **Tăbăran, F. A.**, Cavallera, M. A., ... & Otranto, D. (2018). Validity of genus *Perostrongylus* Schlegel, 1934 with new data on *Perostrongylus falciformis* (Schlegel, 1933) in European badgers, *Meles meles* (Linnaeus, 1758): distribution, life-cycle and pathology. *Parasites & vectors*, 11(1), 568. IF: 2.824
38. Catana, C. S., Magdas, C., Budisan, L., Craciun, E. C., **Tabaran, F.**, Deak, G., ... & Cozma, V. (2018). The Administration Of Trichuris Suis Ova Extract Decreases IL- 17/IL-23 Levels In Experimental Inflammatory Bowel Disease. *Farmacologia*, 66(6), 1021- 1027 IF: 1.607
39. CT Matea, T Mocan, **F Tabaran**, T Pop, O Mosteanu, L Mocan, C Zdrehus, Synthesis And Characterization Of Muc-1 Functionalized Gold Nanoparticles, *Studia Universitatis Babes-Bolyai, Chemia* 63 (3), p129-135. 7p. IF: 0.494
40. Matea, Cristian T.; Mocan, Teodora; **Tabaran, Flaviu**; Evaluation Of Capping Agents For Silver Nanoparticles, *Studia Universitatis Babes-Bolyai Chemia* Volume: 63 Issue: 4 Pages: 95-102 Published: 2018 IF: 0.494
41. Fodor, P., Solyon, A., Fodor, R., Catoi, C., **Tabaran, F.**, Lacatus, R., ... & Bataga, T. (2018). Role of the Biomimetic Scaffolds in the Regeneration of Articular Tissue in Deep Osteochondral Defects in a Rabbit Model. *Revista De Chimie*, 69(1), 201- 207. IF: 1.755
42. Vasiliu, I., **Tăbăran, F.**, Pop, R.A., Brudașcă, F.G., Tvarijonaviciute, A. And Dańbrowski, R., 2018. Usefulness of cytological evaluation of milk in diagnosing mastitis in bitches. *Med. Weter*, 74(10), pp.640-645. IF: 0.281
43. 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. *Revista De Chimie*, 69(4), 894-900. IF: 1.755
44. 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* (2018): 1-9. IF: 2.398

45. Diaconeasa, Zorița, Huseyin Ayzaz, Dumitrița 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. IF: 2.901
46. 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. IF: 3.99
47. Matea, C.T., Mocan, T., **Tabaran, F.**, Pop, T., Mosteanu, O., Puia, C., Iancu, C. and Mocan, L., 2017. Quantum dots in imaging, drug delivery and sensor applications. *International journal of nanomedicine*, 12, p.5421. IF: 5.115
48. 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. IF: 4.3
49. Tudor, D., Nenu, I., Filip, G. A., Olteanu, D., Cenariu, M., **Tabaran, F.**, ... & Baldea, I. (2017). Combined regimen of photodynamic therapy mediated by Gallium phthalocyanine chloride and Metformin enhances anti-melanoma efficacy. *PloS one*, 12(3), e0173241. IF: 2.74
50. Mocan, L., **Tabaran, F. A***, Mocan, T., Pop, T., Mosteanu, O., Agoston-Coldea, L., ... & Iancu, C. (2017). Laser thermal ablation of multidrug-resistant bacteria using functionalized gold nanoparticles. *International Journal of Nanomedicine*, 12, 2255. IF: 5.115
51. Mircean, Mircea, Ionică, A. M., Mircean, V., Györke, A., Codea, A. R., **Tăbăran, F. A.**, ... & Dumitrache, M. O "Clinical and pathological effects of *Dirofilaria repens* and *Dirofilaria immitis* in a dog with a natural co-infection." *Parasitology International* (2017).66 Issue: 3 Pages: 331-334 IF: 1.866
52. Gherman, C. D., Catoi, C., Socaciu, C., Pinteaa, A., Oros, N. A., **Tabaran, F.**, ... & Bassi, V. (2017). IN vitro toxicology: From Intestine to brain. *ALTEX-Alternatives to animal experimentation*, 34(3), 439-440. IF: 5.787
53. D'Amico, G., Juránková, J., **Tăbăran, F. A.**, Frgelecová, L., Forejtek, P., Matei, I. A., ... & Mihalca, A. D. (2016). Occurrence of ticks in the subcutaneous tissue of red foxes, *Vulpes vulpes* in Czech Republic and Romania. *Ticks and Tick-borne Diseases*. 8.2 (2017): 309-312 IF: 2.749
54. Ionel, A., Lucaciu, O., **TĂBĂRAN, F.**, Berce, C., Toader, S., Hurubeanu, L., ... & Câmpian, R. S. (2016). Histopathological and clinical expression of periodontal disease related to the systemic inflammatory response. *Histology and histopathology*, 11803. IF: 2.021
55. Badea, A. F., Tamas-Szora, A., Clichici, S., Socaciu, M., **Tabaran, A. F.**, Baciut, G., ... & Badea, R. (2013). Contrast enhanced ultrasonography (CEUS) in the characterization of tumor microcirculation. Validation of the procedure in the animal experimental model. *Medical ultrasonography*, 15(2), 85-94. IF: 1.553
56. Cucolas, C., Daneasa, A., Olteanu, D., Decea, N., Moldovan, R., **TABARAN, F.**, & Filip, G. A. (2016). Resveratrol And Curcumin As Protective Agents In An Experimental Rat Model Of Intestinal Ischemia And Reperfusion. *Canadian Journal of Physiology and Pharmacology*, 2016 Nov;94(11):1151-1158. doi: 10.1139/cjpp- 2016-0085. Epub 2016 May 30. IF: 1.94
57. Baldea, I., Olteanu, D. E., Bolfa, P., **TABARAN, F.**, Ion, R. M., & Filip, G. A. (2016). Melanogenesis and DNA damage following photodynamic therapy in melanoma with two meso-substituted porphyrins. *Journal of Photochemistry and Photobiology B: Biology*, 161, 402–410. IF: 4.383
58. Mocan, L., Ilie, I., **TABARAN, F. A.**, Iancu, C., Mosteanu, O., Pop, T., ... & Matea, C. (2016). Selective Laser Ablation of Methicillin-Resistant *Staphylococcus Aureus* with IgG Functionalized Multi-Walled Carbon Nanotubes. *Journal of Biomedical Nanotechnology*, 12(4), 781-788. IF: 4.483
59. Trombitas, V., Nagy, A., Berce, C., **TABARAN, F.**, & Albu, S. (2016). Effect of Cigarette Smoke on Wound Healing of the Septal Mucosa of the Rat. *BioMed Research International*, 2016. Volume: 2016, Article Number: 6958597 IF: 2.76
60. Bartoș, D., Bartoș, A., Irimie, A., Szabo, B., Breazu, C., **TĂBĂRAN, F.**, ... & Iancu, C. (2016). Ex-Vivo Model of Colon Cancer in Normothermic Conditions. Applications in Nanomedicine. *Particulate Science and Technology*, (34.5 (2016): 616-62 IF: 1.619

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IV. ► BOOKS AND BOOK CHAPTERS

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