Curriculum Vitae

TABARAN ALEXANDRU-FLAVIU

DVM, Ph.D., DACVP

Cluj-Napoca, Romania

•https://www.researchgate.net/profile/Flaviu_Tabaran
•ORCID id:orcid.org/0000-0001-5744-0451;
•UEFISCDI ID (UEF-ID): U-1700-038Y-4867

▶Contact:

EXPERIENŢA PROFESIONALĂ

2021-Prezent — **Profesor Universitar**
• Facultatea de Medicină Veterinară, Disciplina de Anatomie Patologică, Diagnostic Necropsic și Medicină Legală, Universitatea de Științe Agricole și Medicină Veterinară Cluj-Napoca, Romania

2021-Prezent — **Conducător de Doctorat**
• Școala Doctorala de Medicina Veterinara, Universitatea de Științe Agricole și Medicină Veterinară Cluj-Napoca, Romania

2019-2021 — **Conferențiar Universitar**
• Facultatea de Medicină Veterinară, Disciplina de Anatomie Patologică, Diagnostic Necropsic și Medicină Legală, Universitatea de Științe Agricole și Medicină Veterinară Cluj-Napoca, Romania

2017-2019 — **Patolog Postdoctoral**
• Universitatea din Minnesota, College of Veterinary Medicine, Masonic Cancer Center, SUA.

2015-2017 — **Șef lucrări**
• Facultatea de Medicină Veterinară, Disciplina de Anatomie Patologică, Diagnostic Necropsic și Medicină Legală Universitatea de Științe Agricole și Medicină Veterinară Cluj-Napoca, Romania

2013- 2015 — **Asistent Universitar**
• Facultatea de Medicină Veterinară, Disciplina de Anatomie Patologică, Diagnostic Necropsic și Medicină Legală Universitatea de Științe Agricole și Medicină Veterinară Cluj-Napoca, Romania

Cercetător/Asistent de cercetare/ Consultanta in Patologie Veterinara
- Facultatea de Medicina Veterinara, Universitatea de Științe Agricole şi Medicină Veterinară Cluj-Napoca, Romania
- Institutul Regional de Gastroenterologie si Hepatologie-O. Fodor Cluj-Napoca
- Universitatea de Medicină și Farmacie „Iuliu Hațieganu" (din 2016)

2022-Prezent — • Patolog (serviciul de biopsii), University of Wyoming, WY, USA

2021-2022 — • Patolog (serviciul de biopsii), University of Minnesota, MN, USA

EDUCAŢIE ŞI FORMARE

2018-Prezent — •**Diplomat, American College of Veterinary Pathology** (ACVP)(Anatomic Pathology): Training Institution: University of Minnesota, USA

2017-2019 — •**Postdoctorat în Patologie Comparată**
Comparative Pathology Shared Resource, College of Veterinary Medicine, Masonic Cancer Center, University of Minnesota, USA

2014-2015 — •**Postdoctorat în Medicină Veterinară**
Universitatea de Științe Agricole şi Medicină Veterinară Cluj-Napoca, Romania

2008 - 2012 — •**Doctorat in Medicina Veterinara (PhD),** domeniul Anatomie Normala si Patologica (teza: „Biodistributia si Toxicitatea Nanotuburilor de Carbon Utilizaţi in Terapia Cancerului") USAMV Cluj-Napoca

2008 - 2010 — •**Master in Științe (MSc) Biomedicale** domeniul Diagnostic Morfopatologic si de Laborator

2002 - 2008 — •**Doctor Medic Veterinar (DMV),** USAMV Cluj-Napoca, Romania

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INFORMAȚII ȘTIINȚIFICE

SOCIETĂȚI PROFESIONALE	• **American College of Veterinary Pathologists (ACVP)** • **European Society of Veterinary Pathology (ESVP)** • **Society of Toxicologic Pathology (STP)** • **European Society of Toxicologic Pathology(ESTP)** • **Colegiul Medicilor Veterinari din Romania (CMVRo)**
PUBLICAȚII ȘTIINȚIFICE *(consultați lista de publicații)* **[ANEXA I]**	►**Publicații Științifice [Anexa I]- 162:** dintre care 80 articole științifice în extenso publicate în Jurnale Indexate-ISI Thomson Reuters (însumând 223 IF). ►**Cărți de Specialitate** - Cărți publicate în edituri naționale: prim autor a 3 manuale și 1 carte de specialitate; coautor a 3 cărți. - Cărți publicate în edituri internaționale: coautor a 5 capitole publicate în 2 cărți de specialitate.
VIZIBILITATE INTERNAȚIONALĂ	❖ **2280 citări** (Google Scholar); **1,275** (Thomson Reuters-Web of Science Core Collection) ❖ **h-index:25** ❖ **i10: 49**
REFERENT ȘTIINȚIFIC	• **34 de reviste** (23 cotate ISI), printre care: Ecotoxicology and Environmental Safety, Journal of the American Veterinary Medical Association (JAVMA), Advances In Clinical Chemistry, Nanomaterials, BMC Veterinary Research, Emerging Infectious Disease, Journal of Medicinal Foods, 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.
EXPERT EVALUATOR	• **Proiecte științifice:** National Science Centre, Poland (NCN), domeniu Life Sciences (Diagnostic tools, therapies, and public health).
EDITOR	• **Guest Editor:** Applied Sciences (IF: 2.474), Sensors (IF: 3.57), Regulatory Mechanisms in Biosystems, World Journal of Biological Chemistry, Anti-Infective Agents, Animal Biology & Animal Husbandry - International Journal of the Bioflux Society, Porcine Research.
BREVETE DE INVENTIE	• Brevet: **RO130790-A2;** Titlu (original in Romanian): „Process For Preparing A Product To Be Applied For Preventing Colon Neoplasia" (coautor) • Brevet: **RO130792-A2**; Title (original in Romanian): -Process For Preparing A Nanostructured Product To Be Applied In Immunoprophylaxis Of Pancreatic Cancer • Brevet: **RO131845-A2: „**Process For Preparing A Product To Be Applied In Targeting Neoplastic Cells In Colon Cancer And Rendering Photo-Thermal Effect Selective" • Alte 3 cereri de Brevet: **RO132021-A0, RO132630-A2, A/10051/2020**
PROIECTE DE CERCETARE	►**Director / Responsabil Instituțional:** 2 proiecte câștigate în competiție națională finanțate CNCSIS (UEFSCDI) (sumă totală proiect/sumă decontare instituțională 250.000 Ron/proiect) (1) (PN-III-P1-1.1-PD-2016-1840 [Contract Nr: PD. 165 / 2018]; (2) PN-II-2013-PCCA [Contract Nr 134 / 2014]. 1 proiect International (director/coordonator institutional), Interstellar Initiative (finantator New York Academy of Sciences si Japan Agency for Medical Research and Development). ►**Membru in echipa de cercetare:** 21 proiecte științifice câștigate în competiție națională finanțate CNCSIS (UEFSCDI) și 2 proiecte cu finanțare internațională (EU, NIH/NCI).
PREMII NATIONALE	►35 premii naționale CNCSIS (UEFSCDI) "Premierea rezultatelor în cercetare" ►Proinvent 2020, Medalie de Aur (2x)
PREMII INTERNATIONALE	►"*Danubius Young Researcher Award*" premiu oferit de Austrian Federal Ministry for Science, Research and Economy (BMWFW) si Institute for the Danube Region and Central Europe (IDM), Zagreb, 2017. ►"*Best PhD Thesis in Toxicological Pathology*" premiu oferit de European Society of Toxicologic Pathology (ESTP), Berlin, 2014.

Semnatura [redacted]

Data: 19/10/2022

Lista Publicații Tăbăran Alexandru-Flaviu [Anexa I]

I. CĂRȚI ȘI CAPITOL ÎN CĂRȚI DE SPECIALITATE

1. Teodora Pop , Teodora Mocan, Lucia Agoston, **Flaviu A. Tabaran** , Cristian Matea , Ofelia Mosteanu, Cornel Iancu, Lucian Mocan: Nanotherapeutic Strategies for the Selective Ablation of Human Liver Cancer Cells [Chapter in: Molecular and Cellular Techniques with Applications in Nanomedicine], 2016, Editura: Science Publishing Group, New York, ISBN: 978-1-940366-05-0
2. Lucian Mocan, Teodora Mocan, Cristian T. Matea, **Flaviu A. Tabaran,** Lucia Agoston, Ofelia Mosteanu, Teodora Pop , Dana Bartos, Cornel Iancu: Gold Nanoparticles for Multimodal Imaging in Nanomedicine [Chapter in: Molecular and Cellular Techniques with Applications in Nanomedicine], 2016, Editura: Science Publishing Group, New York, ISBN: 978-1-940366-05-0
3. **Tăbăran Alexandru- Flaviu:** Toxicitatea și Aplicațiile Nanotuburilor de Carbon în Terapia Cancerului, Editura AcademicPres, 2019, ISBN 978-973-744-727-2
4. Cătoi C., Taulescu A., Gal A., Bolfă P., **Tăbăran F.,** Nagy A., Borza G., Vidrighinescu R., Irimie A., Cora R: Technici de Anatomie Patologică Veterinară, Editura AcademicPres, 2014, ISBN 978-973-744-346-5
5. Iosif Vasiu, Roman Dąbrowski, **Flaviu Alexandru Tăbăran**, Raul Alexandru Pop, Flore Chirilă, Gheorghe Florinel Brudaşcă, Asta Tvarijonaviciute and Nicodim Iosif Fiţ: How Reliable Are Laboratory Test When Diagnosing Bitch Mastitis? In Veterinary medicine and pharmaceuticals. Editura: IntechOpen, 2019 (DOI: 10.5772/intechopen.86151), ISBN: 978-1-78985-440-4; Print ISBN: 978-1-78985-439-8; eBook (PDF) ISBN: 978-1-83880-062-8
6. Teodora Mocan, **Flaviu A. Tabaran,** Cristian Matea , Teodora Pop , Diana Gonciar , Ofelia Mosteanu, Lucian Mocan, Dana Bartos, Lucia Agoston-Coldea , Cornel Iancu: Development of an in Vitro Anticancer Vaccine Platform Using Gold Nanoparticles Immunoconjugates [Chapter in: Molecular and Cellular Techniques with Applications in Nanomedicine], 2016, Science Publishing Group, New York, ISBN: 978-1-940366-05-0
7. Lucian Mocan , Lucia Agoston-Coldea, Teodora Mocan, Cristian T. Matea, **Flaviu A. Tabaran**, Teodora Pop , Ofelia Mosteanu, Cornel Iancu: Experimental Nanophotothermolysis of Human Pancreatic Cancer Cells Using Gold Nanoparticles [Chapter in: Molecular and Cellular Techniques with Applications in Nanomedicine] 2016, Science Publishing Group, New York, ISBN: 978-1-940366-05-0

II. MANUALE DIDACTICE ȘI ÎNDRUMATOARE DE LABORATOR

1. **Tăbăran Alexandru- Flaviu**, Cătoi C., Gal A.Basics of Necropsy and Main Diseases in Horses and Ruminants (Manual didactic), 2019, Ed.AcademicPres, ISBN 978-973-744-731-9.
2. Adrian Florin GAL, Cornel CĂTOI, **Flaviu TĂBĂRAN**, Marian TAULESCU Anatomie Patologică Veterinară: Sistemul Urinar, Sistemul Genital, Sistemul Endocrin, Sistemul Osteomuscular, Piele, (Manual didactic), AcademicPres, Cluj-Napoca, 2017, e-ISBN 978-973-744-587-2.
3. **Tăbăran Alexandru- Flaviu,** Cătoi C., Autopsie et Medecine Legale 1, (Manual didactic), Editura AcademicPres, Cluj-Napoca, 2020, e-ISBN 978-973-744-846-0.
4. Adrian Florin Gal, Cornel Cătoi, Marian Taulescu, **Alexandru-Flaviu TĂBĂRAN,** Anatomie Patologică: Manual pentru Activități Practice, Ed. AcademicPres Cluj-Napoca, 2017, e-ISBN 978-973-744-588-6.
5. **Alexandru-Flaviu TĂBĂRAN,** Autopsie Et Medecine Legale : Guide De Travaux Pratiques, (îndrumatoare de laborator), 2020, Ed. AcademicPres Cluj-Napoca, 2020, e-ISBN 978-973-744-844-6. [redacted]

III. ARTICOLE PUBLICATE ÎN REVISTE COTATE ISI WOS

	Articol
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." International journal of nanomedicine [ISSN: 1176-9114 (print); 1178-2013 (web)], 15 2020,: pag. 2231—2258.
2.	**Tabaran, Alexandru-Flaviu,** Anibal G. Armien, G. Elizabeth Pluhar, and M. Gerard O'Sullivan. "Meningioma with rhabdoid features: Pathologic findings in dogs." Veterinary Pathology (2022): 03009858221100436.
3.	Constantin, Irina, and **Alexandru Flaviu Tăbăran.** "Dissection Techniques and Histological Sampling of the Heart in Large Animal Models for Cardiovascular Diseases." Journal of Visualized Experiments: Jove 184 (2022).
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.
5.	Michael A Harris, Huihui Kuang, Zachary Schneiderman, Maple L Shiao, Andrew T Crane, Matthew R Chrostek, **Alexandru-Flaviu Tăbăran**, Thomas Pengo, Kevin Liaw , Beibei Xu , Lucy Lin, Clark C Chen, M Gerard O'Sullivan, Rangaramanujam M Kannan, Walter C Low, Efrosini Kokkoli (2021). ssDNA nanotubes for selective targeting of glioblastoma and delivery of doxorubicin for enhanced survival, Science Adv . 2021 Dec 3;7(49):eabl5872. doi: 10.1126/sciadv.abl5872. Epub 2021 Dec 1.
6.	**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. Toxicologic pathology [ISSN: 0192-6233 (print); 1533- 1601 (web)], 47(7), pag.842-850.
7.	**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. *BMC veterinary research* [ISSN: 1746-6148], *11*(1), 1.
8.	**Flaviu Tăbăran**, Attila David Sándor, Mihai Marinov, Cornel Cătoi, and Andrei Daniel Mihalca, (2013), "Alaria alata Infection in European Mink", *Emerging Infectious Diseases* [ISSN: 1080-6059], Vol. 19, No. 9, Pag. 1547-1549;
9.	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." Gene therapy 27, no. 5 (2020): 226-236.
10.	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.
11.	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. *Biomaterials,* 119, 33-42 (*equally credited author)
12.	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).

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13. 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).

14. 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." Frontiers in veterinary science 7 (2020).

15. Popescu, Radu A., **Flaviu A. Tăbăran**, Sidonia Bogdan, Alexandru Fărcășanu, Robert Purdoiu, Klara Magyari, Adriana Vulpoi et al. "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, no. 3 (2020): 1129-1140.

16. Rugină, Dumitrita, Raluca Ghiman, Monica Focşan, **Flaviu Tăbăran**, Florina Copaciu, Maria Suciu, Adela Pintea, and Simion Aştilean. "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 (2019): 66-75.

17. Manciula, Lavinia-Gianina, Cristian Berce, **Flaviu Tabaran**, Veronica Trombitaş, and Silviu Albu. "The effects of postoperative astaxanthin administration on nasal mucosa wound healing." Journal of clinical medicine 8, no. 11 (2019): 1941.

18. Morar, I. I., **Tabăran, F. A.**, Mocan, T., Jianu, E. M., Orăsan, M. S., Pop, A. D., & Orăsan, R. I. 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.

19. Reget, Oana, Ionut Cordis, Sorin Daniel Dan,Maria. Mihaiu, **Flaviu Tabaran,** and Alexandra Tabaran. "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.

20. 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." Gene therapy 27, no. 5 (2020): 226-236.

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. Volume: 2020, Article Number: 4014838

22. Duţu, Alina Gabriela, Diana Vlad, Cristina Drugan, Alexandra M. Crăciun, Tudor C. Drugan, **Flaviu Tabaran,** and Silviu Albu. "Biochemical markers of inflammatory syndrome in chronic rhinosinusitis." Rom Biotech Lett 25 (2018): 1456-1464.

23. Bogdan-Cătălin Alexandru, 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).

24. 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. pag. 1-18

25. Pop, Oana L., Amalia Mesaros, Dan C. Vodnar, Ramona Suharoschi, **Flaviu Tăbăran**, Lidia Mageruşan, 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.

[redacted]

26. Catana, C. S., Magdas, C., **Tabaran, F. A***., Crăciun, E. C., Deak, G., Magdaş, V. A., ... & Dumitraşcu, D. L. (2018). Comparison of two models of inflammatory bowel disease in rats. Adv Clin Exp Med, 27(5), 599-607 **(*corresponding author).**

27. Scurtu, I., **Tabaran, F** *., Mircean, M., Giurgiu, G., Nagy, A., Catoi, C., & Ohad, D. G. (2017). 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)**

28. 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 Pages: 37-46* **("All authors are equally contributed to this paper")**

29. 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)**

30. 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 Ovarectomy And Chronic Estrogen Replacement therapy in Albino Rats", *Acta Endocrinologica* (Buc); XI(1): Pag.11-22.**(*corresponding author)**

31. 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. *Biomaterials,* 119, 33-42 **(*equally credited author)**

32. 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).**

33. 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)**

34. 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)**

35. 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).**

36. Loredana Maria Pop, **Alexandru Flaviu Tăbăran,** Anamaria Ioana Paştiu1&, Zsuzsa Kalmár, Mircea Mircean , Mirabela Oana Dumitrache , Cristian Magdaş, Viorica Mircean, Adela Pintea, Liviu Drăgan, Adriana Györke "Immune response of broiler chickens fed diets supplemented with artemisinin." Romanian Biotechnological Letters , 2019, Volume: 24 Issue: Pages: 425-431

37. 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).

38. 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)

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39. Deak, G., Mihalca, A. D., Hirzmann, J., Colella, V., **Tăbăran, F. A.**, Cavalera, 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.

40. 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. Farmacia, 66(6), 1021-1027

41. 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.

42. 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

43. 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.

44. Vasiu, I., **Tăbăran, F.**, Pop, R.A., Brudaşcă, F.G., Tvarijonaviciute, A. And Dąbrowski, R., 2018. Usefulness of cytological evaluation of milk in diagnosing mastitis in bitches. Med. Weter, 74(10), pp.640-645.

45. 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.

46. 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.

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