



Bogdan-Ionel TAMBA (MD, PhD)
Head of Department
Senior Researcher in Pharmacology



Gabriela-Dumitrița STANCIU
DVM, PhD
In vivo Unit

About: Researcher in Clinical Veterinary Medicine. Holding a Medical Doctor degree (USAMV, Iasi) and a PhD degree in Neurophysiology and Neurodiagnosis.

Selected papers:

- Stanciu Gabriela Dumitrița, Packer RMA, Pakozdy A, Solcan G, Volk HA. 2017. The Veterinary Journal 225: 9–12.
- -Stanciu Gabriela Dumitrița, Solcan G. 2016. BMC Veterinary Research. 12:111.
- Stanciu Gabriela Dumitrița, Armașu M, Musteață M, Solcan G. 2016.. Arquivo Brasileiro de Medicina Veterinária e Zootecnia, v.68, n.6, p1422-1430.
- Gabriela Dumitrița Stanciu – Electrophysiological exploration of the nervous system in veterinary medicine, Ed. "Ion Ionescu de la Brad", Iași, 2016.



Andrei LUCA
MD, PhD
Physiopharmacology Unit

About: Medical field researcher, study and therapy of pain, pharmacokinetics and pharmacodynamics . Holding a Medical Doctor degree (UMF "Grigore T. Popa" Iasi) field of speciality - internal medicine/pneumology and a PhD degree in Physiopathology (mitochondrial pain modulation).

Selected papers:

- Ababei D. C., Beschea-Chiriacs S., Bild W., Solcan C., **Luca A.**, Rusul R.N., Buleal D., Bild V., *Farmacia, Sept 2017 (accepted)*
- Alexa A.I., Cantemir A., Antioch I., Balmus I.M., Cojocaru S., Gardikiotis R., **Luca A.**, Filip M.A., Ababei D.C., Zamfir C.L., . Rev.Chim.(Bucharest) 2017, 68(2):350-353.
- Pânzariu A.C., Pașca A.S., Șindilar A., Drochioi C., Oboroceanu T., Niculescu S., Crauciuc D.V., Crauciuc E.G., **Luca A.**, Butcovan D., Șindilar E.V., Mocanu V., Rev.Chim.(Bucharest) 2017, 68(9). (accepted)
- Alexa T., **Luca A.**, Dondaș A., Bohotin C.R., Exp Ther Med. 2015 Apr; 9(4):1465-1469.



Gianina DODI
PhD

About: Magnetic nanoparticles , natural and synthetic polymeric supports and composite superhydrophobic coatings synthesis and characterization, knowledge of various analytical techniques; drug delivery evaluation, radiolabelling methods,in vitro and in vivo studies, R&D; project management.

Selected papers:

- Dodi, G.; Pala, A.; Barbu, E.; Peptanariu, D.; Hritcu, D.; Popa, M.I.; Tamba, B.I. (2016).Materials Science and Engineering: C, 63: 628–636.
- Iordache, M.L.; Dodi, G.; Hritcu, D.; Draganescu, D.; Chiscan, O.; Popa, M.I. (2015). Arabian Journal of Chemistry, In press.
- Dodi, G.; Hritcu, D.; Lisa, G.; Popa, M.I. (2012). Chemical Engineering Journal 203: 130-141.
- Dodi, G.; Hritcu, D.; Draganescu, D.; Popa, M.I. (2015). Journal of Magnetism and Magnetic Materials, 388: 49–58.
- Dodi, G.; Hritcu, D.; Popa M.I. (2011). Cellulose Chemistry and Technology, 45 (3-4): 171-176.



Ioannis GARDIKIOTIS
MD, PhD
Surgery Unit

About: resident physician in plastic surgery and scientific researcher gr. III. Research interests are focused on animal models in the areas of burns and regenerative medicine, microsurgery, flaps, and epidemiology.

Selected papers:

- Gardikiotis I., Azoică D., Dobreanu C., Petrescu I., Lazăr A., Manole A., Ghetu N., Rev Cercet Interv So. 2016 (52):92-104
- Gardikiotis I., Azoică D., Popa M., Manole A.M., Iorga M, Journal of Surgery 2015 (4): 143-149
- Gardikiotis I., Manole A., Azoică D., Rev Med Chir Soc Nat Iasi. 2015. 119 (2): 529-535



Raluca ȘTEFĂNESCU
PhD
LC/MS Unit

About: Applications of mass spectrometry in biology and medicine, Solid phase peptide synthesis according to Fmoc/tBu strategy, RP-HPLC peptide purification, peptide and protein analysis at mass spectrometers equipped with MALDI, ESI and nanoESI, epitope identification by affinity chromatography coupled with mass spectrometry, separation of proteins by 2D-SDS-PAGE, peptide mass fingerprinting; qualitative analysis by ELISA

Selected papers:

- Zirah S., Stefanescu R., Manea M., Tian X., Cecal R., Kozin D.A., Debey P., Rebuffat S., Przybylski M., (2004). *Biochem. Biophys. Res. Commun.* 321(2), 324-328.
- Grau S., Baldi A., Bussani R., Tian X., Stefanescu R., Przybylski M., Richards P., Jones S.A., Shridhar V., Clausen T., Ehrmann M., (2005). *Proc. Natl. Acad. Sci.* 102(17), 6021-6026.
- Leary J.A., Schenauer M.R., Stefanescu R., Andaya A., Ruotolo B.T., Robinson C.V., Thalassinou K., Scrivens J.H., Sokabe M., Hershey J.W., (2009). *J. Am. Soc. Mass Spectrom.* 20(9), 1699-1706.
- Stefanescu R., Born R., Moise A., Ernst B., Przybylski M., (2011). *J. Am. Soc. Mass Spectrom.* 22(1), 148-157.



Cosmin-Teodor MIHAI
PhD
In vivo Molecular Imagistic Unit

About: Animal cell culture techniques. In vitro identification and selection of antitumoral possible candidates by short and long-term studies. Investigation of cell apoptosis, cell cycle, cell proliferation and levels of reactive oxygen species by flow cytometry and/or biochemical assays. Assessment of genotoxicity by COMET test. Biocompatibility studies.

Selected papers:

- Aprotosoiaie, A.C., Zavastin, D.E., Mihai, C.T., Voichita, G., Gherghel, D., Sillion, M., Trifan, A., Miron, A., 2017, doi: 10.1016/j.fct.2017.02.006.
- Aprotosoiaie, AC; Mihai, CT; Vochita, G; Rotinberg, P; Trifan, A; Luca, SV; Petreus, T; Gille, E; Miron, A.(2016). *Industrial Crops and Products*, 79, 248-257
- Hensel, K; Kučerová, K; Tarabová, B; Janda, M; Machala, Z; Sano, K; Mihai, CT; Ciorpac, M; Gorgan, LD; Jijie, R; (2015). *Biointerphases*, 10(2), 29515
- Mihai, C.T., Rotinberg, P., Brinza, F., Vochita, G., (2014). *Journal of Environmental Health Science and Engineering*, 12, 1, 15



Cristina URÎTU
PhD
Nuclear Medicine Unit

About: Knowledge of PET-MRI technique for in vivo molecular and preclinical imaging; design and synthesis of nanostructures for gene and drug release; characterization of chemical compounds: IR, NMR, UV-Vis, fluorescence, gel electrophoresis, HPLC, thermal analysis (TG/DSC), DLS.

Selected papers:

- R. Ardeleanu, A.I. Dascalu, A. Neamtu, D. Peptanariu, C.M. Uritu et. al, *Polym Chem*, 2017, DOI: 10.1039/C7PY01256J
- A.I. Dascalu, R. Ardeleanu, A. Neamtu, S.S. Maier, C. M. Uritu et. al., *J Mater Chem B*, 2017, 5, 7164.
- C. Stefanescu, G. Dodi, A. Cazacu, C.M. Uritu, et. al., *Annual Congress of the EANM*, 2015, Hamburg, Germany.
- C.M. Uritu, M. Calin, et. al, *J Mater Chem. B*, 2015, 3, 8250.
- C.M. Uritu, C.D. Varganici, et. al., *J Mater Chem B*, 2015, 3, 2433.

Radu ILIESCU
MD, PhD
Professor of Pharmacology

Teodora ALEXA-STRATULAT
MD, PhD
Oncology

VISITING

STUDENTS

SCIENTISTS

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