

PERSONAL INFORMATION

First name / Surname

Moleriu Radu Dumitru

Address  Department III, Medical Informatics and Statistics, Str. Tudor Vladimirescu, Nr. 14, Timisoara, Romania

Phone number  *****

Email  radu.moleriu@umft.ro

Date of birth *****

WORK EXPERIENCE

October 2023 – present Associate Professor
University of Medicine and Pharmacy “Victor Babes,” Timisoara, Timis, Romania, Department of Medical Informatics and Statistics

October 2011 – October 2023 Associate Professor
West University of Timisoara, Faculty of Mathematics and Computer Science, Department of Mathematics

February 2002 – October 2011 University Assistant
West University of Timisoara, Faculty of Mathematics and Computer Science, Department of Mathematics

EDUCATION AND TRAINING

From November 2008 PhD in Mathematics with the title “Differential stochastic equation with application in economy and finance”

		Understanding		Speaking				Writing			
		Listening		Reading		Spoken interaction		Spoken production		Writing	
English	C2	Advanced	C2	Advanced	C1	Advanced	C1	Advanced	C2	Advanced	
Franch	B2	Intermediate	B2	Intermediate	A2	Pre-intermediate	A2	Pre-intermediate	A2	Pre-intermediate	

RESEARCH

- H-index=14,
- 67 ISI Web of Science articles,
- 76 – No of total articles;
- 454 citations in ISI Web of Science
- 4 books

Publications
Presentations
Projects
Conferences
Seminars
Honours and awards
Memberships
References

PUBLICATIONS

10 most important ISI papers:

1. Daniela Zaharie, Radu Dumitru Moleriu, Felix Aurel Mic: „Modeling the development of the post-natal mouse thymus in the absence of bone marrow progenitors”, published in Scientific Reports, 2016, Nov. 8, 6:36159 , pg. 1-13, doi: 10.1038/srep36159, ISSN:2045-2322, IF=5.228, autor corespondent;
2. Radu Dumitru Moleriu, Daniela Zaharie, Lavinia Cristina Moatăr-Moleriu, Alexandra Teodora Gruia, Ani Aurora Mic, Felix Aurel Mic: "Insights into the mechanisms of thymus involution and regeneration by modeling the glucocorticoid-induced perturbation of thymocyte populations dynamics", publicata in Journal of Theoretical Biology, 2014 Jan 28;348C:80-99. doi: 10.1016/j.jtbi.2014.01.020. ISSN:0022-5193, eISSN:1095-8541, IF=2.049; prim autor.
3. Marin RC ; Bungau SG ; Tit DM ; Negru PA ; Radu AF ; Moleriu Radu Dumitru; Immune recovery among Romanian HIV/AIDS patients receiving darunavir/ritonavir or darunavir/cobicistat regimens in cART management: A three-year study, Biomedicine & Pharmacotherapy, 2023, Volume 161, Article No. 114427, DOI 10.1016/j.biopha.2023.114427, ISSN: 0753-3322, eISSN: 1950-6007, IF=7.419; ultim autor;
4. Constantin C. Bungau, Tudor Bungau, Marcela Florina Prada, Ioana Francesca Prada, Radu Dumitru Moleriu; Dezvoltare Durabilă Prin Clădiri Verzi: Analiză Bibliometrică Actualizată A Literaturii În Domeniu - Sustainable Development Through Green Buildings: Updated Bibliometric Analysis Of The Literature In The Field, Revista Romana de Materiale, 2023, Volume 53, Issue 1, pag 82-93, link <https://www.revista-romana-de-materiale.upb.ro/administrare/content/doc/2023/1/09/server/files/articol.pdf>, ISSN 2457-502X, IF=0.65; ultim autor;
5. Turi Vladiana; Iurciuc Stela; Cretu Octavian Marius; Tit Delia Mirela; Bungau Simona; Apostol Adrian; Moleriu Radu Dumitru; Bustea Cristiana; Behl Tapan; Diaconu Camelia Cristina; Petre Izabella; Arterial function in hypertensive pregnant women. Is arterial stiffness a marker for the outcomes in pregnancy?; Life Science, 2021, Vol.264, Article No. 118723, doi 10.1016/j.lfs.2020.118723, ISSN:0024-3205, eISSN:1879-0631; IF=6.78;
6. Dana Carmen Zaha, Simona Bungau, Selim Aleya, Delia Mirela Tit, Cosmin Mihai Vesa, Amarin Remus Popa, Carmen Pantis, Octavian Adrian Maghiar, Ovidiu Gabriel Bratu, Cristian Furau, Radu Dumitru Moleriu, Izabella Petre, Lotfi Aleya, What antibiotics for what pathogens? The sensitivity spectrum of isolated strains in an intensive care unit, Elsevier, Ed. Science of The Total Environment, 2019, Vol. 686, Pag. 118-127, ISSN:0048-9697, eISSN:1879-1026, IF=6.551;
7. Pantea-Rosan Larisa Renata; Pantea Vlad Alin; Bungau Simona; Tit Delia Mirela; Behl Tapan; Vesa Cosmin Mihai; Bustea Cristiana; Moleriu Radu Dumitru; Rus Marius; Popescu Mircea Ioachim; Turi Vladiana; Diaconu Camelia Cristina; No-Reflow after PPCI-A Predictor of Short-Term Outcomes in STEMI Patients; Journal of Clinical Medicine, 2020, Vol.9, Issue.9, Article No. 2956, doi.10.3390/jcm9092956,2020, eISSN:2077-0383, IF=3.303;
8. Vesa Cosmin Mihai; Behl Tapan; Nemeth Sebastian; Bratu Ovidiu G.; Diaconu Camelia C.; Moleriu Radu Dumitru; Negrut Nicoleta; Zaha Dana C.; Bustea Cristiana; Radu Florentina Ionita; Bungau Simona; Prediction of NAFLD occurrence in prediabetes patients; Experimental and Therapeutic Medicine, 2020, Vol.20, Issue.6, Article No. 190, doi. 10.3892/etm.2020.9320, ISSN:1792-0981, eISSN:1792-1015; IF=2.751;
9. Serban DM ; Serban CL ; Ursoniu S ; Putnoky, S ; Moleriu Radu Dumitru; Putnoky S; Mindful Eating Questionnaire: Validation and Reliability in Romanian Adults, International Journal Of Environmental Research And Public Health, 2022, Volume 19, Issue 17, Article No. 10517, DOI 10.3390/ijerph191710517, eISSN:1660-4601, IF=4.614;
10. Jianu C, Moleriu Radu Dumitru; Stoin D ;Cocan I ; Bujanca G ;Pop G; Lukinich-Gruia AT ; Muntean D ; Rusu LC ; Horhat DI; Antioxidant and Antibacterial Activity of Nepeta x faassenii Bergmans ex Stearn Essential Oil; Applied Sciences-Basel, 2021, Volume 11, Issue 1, No 443, DOI: 10.3390/app11010442, eISSN:2076-3417, IF=2.838;

PROJECTS

- Accounting Member from the West University, Timisoara in grants and research contracts:
 - **2007 – 2010** research grant code nr. 1178 – „ Modeling and simulation of cell death in the thymus”, Project director: dr. Aurel Felix Mic
- Member in grants and research contracts:
 - **2018 – 2020/2021** research grant PN-III_P1-I.2-PCCDI-2017-0361 - ” Bioeconomic approach of antimicrobial agents – use and resistance (BIO – AMR)”, UEFISCDI, Project director: Prof. Dr. Horia Cernescu.
 - **2012 – 2015** research grant PN-II-ID-PCE cod 2011-3-0571, “Modelling and simulating the thymocytes populations and components of thymic medulla in normal and pathological conditions” as a member
 - **2007 – 2008** research grant CNCSIS type AT cod CNCSIS 60 – „Advanced research on qualitative aspects in systems theory with control and applications”, Project director: conf. univ. dr. Adina Luminița Sasu
 - **2006 – 2008** research grant CEEX code ET 3 – „Asymptotic behavior of variable systems and applications in control theory”, Project director: conf. univ. dr. Adina Luminița Sasu
 - **2005 – 2007** research grant CNCSIS type A code CNCSIS 1379 – „Asymptotic behaviors for deterministic and stochastic evolution equations in infinite-dimensional spaces”, Project director: prof. univ. dr. Mihail Megan
 - **2002 – 2004** research grant CNCSIS type A code CNCSIS 246/2002, cod 249/2003, code 124/2004 – „ Qualitative properties of evolutionary processes with control in Banach spaces”, Project director: prof. univ. dr. Mihail Megan

DOMAIN OF RESEARCH

- Mathematics
- Statistics
- Biostatistics
- Applied Informatics
- Bio – informatics
- Financial mathematics
- Artificial intelligence