

PERSONAL INFORMATION

Lavinia Cosmina Ardelean



 Timisoara, Romania



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Sex F | Date of birth 14/06/1968 | Nationality romanian

PERSONAL PROFILE

Professor, PhD, Head of Academic Department

WORK EXPERIENCE

2008–present 2004–2008 2002–2004 1995–2002 1992–1995	Professor Associate professor Lecturer Assistant Junior assistant “Victor Babes” University of Medicine and Pharmacy, Timisoara, Romania 2 Eftimie Murgu sq., Timisoara, Romania Tel.: +40-256-293389, www.umft.ro -teaching, scientific activity, coordinate educational and scientific activities -education
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EDUCATION AND TRAINING

2011 2008 2006 2004 2001 2000 1991	Trainor competence Professor (university) Senior physician-dento-alveolar surgery Competence in dental prophylaxis Senior physician-general dentistry PhD DDS
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PERSONAL SKILLS

Mother tongue(s)
Other language(s)

Romanian

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Communication skills

-good communication skills gained through teaching experience and attending scientific meetings

Organisational / managerial skills -coordinate educational and scientific activities, leadership (head of academic department, congress president)

Job-related skills

- creativity and innovation
- efficient communicating
- planning and organizing, based on the previous experience due to the following activities:
- scientific reviewer in the field of dental medicine (over 250 WOS verified reviews)
- guest editor of 10 Special Issues in WOS indexed journals (Polymers, Materials, Coatings, Journal of Functional Biomaterials, Scanning)
- academic editor of 6 books: „Oral Health Care- An Important Issue of the Modern Society”, IntechOpen, London; “Advanced Materials for Oral Application”, MDPI, Basel; “Dental Caries- The Selection of Restoration Methods and Restorative Materials, IntechOpen, London; “Human Teeth – From Function to Esthetics”, IntechOpen, London; “Advances in Dentures-Prosthetic Solutions, Materials and Technologies”, IntechOpen, London; “Enamel and Dentin-Pulp Complex”, IntechOpen, London
- member in the editorial/topic/reviewer board/academic editor of 16 journals (5 WOS indexed)
- 2 brevets
- president of International Congress “Interdisciplinarity in Present Dental Medicine”, Timisoara, 2008; International Congress “Timmedica”, 4th edition, Timisoara, 2011

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
basic	basic	basic	basic	basic

Other skills -dentistry

Driving licence B

ADDITIONAL INFORMATION

- Publications** -18 books and 15 chapters in books
- Presentations** -5 edited books
- Projects** -81 scientific articles published in WOS indexed journals, 16 scientific articles published in IDB indexed journals
- Conferences** -5 projects
- Honours and awards** -6 conferences
- Citations** -80 presentations
- Certifications** -14 awards, including - Top reviewers in Cross-Field award 2019, Top reviewers in Materials Science award 2019
- 477 citations (WOS)
- h-index: 12 (WOS)

ANNEXES

- List of most relevant articles.** 1. Stoian, C.; Ardelean, L.C.; Negrutiu, M.L.; Miclau, M.; Casut, C.; Sinescu, C.; Alexandratou, A.; published in journals with an impact factor, listed on WOS (last 5 years):
1. Cr-W Dental Alloy Substructures Obtained by Selective Laser Melting—A Pilot Study. *Appl. Sci.* **2023**, *13*, 8052. <https://doi.org/10.3390/app13148052>
 2. de Carvalho Formiga, M.; da Silva, H.D.P.; Ghiraldini, B.; Siroma, R.S.; Ardelean, L.C.; Piattelli, A.; Shibli, J.A. Effects of Osseodensification on Primary Stability of Cylindrical and Conical Implants—An Ex Vivo Study. *J. Clin. Med.* **2023**, *12*, 3736. <https://doi.org/10.3390/jcm12113736>
 3. Beschiu, L.M.; Ardelean, L.C.; Tigmeanu, C.V.; Rusu, L.-C. Cranial and Odontological Methods for Sex Estimation—A Scoping Review. *Medicina* **2022**, *58*, 1273. <https://doi.org/10.3390/medicina58091273>
 4. Tigmeanu, C.V.; Ardelean, L.C.; Rusu, L.-C.; Negrutiu, M.-L. Additive Manufactured Polymers in Dentistry, Current State-of-the-Art and Future Perspectives - A Review. *Polymers* **2022**, *14*, 3658. <https://doi.org/10.3390/polym14173658>
 5. Rusu, L.-C.; Ardelean, L.C. Advanced Materials for Oral Application. *Materials* **2022**, *15*, 4749. <https://doi.org/10.3390/ma15144749>
 6. Ardelean, L.C.; Rusu, L.-C. Advanced Biomaterials, Coatings, and Techniques: Applications in Medicine and Dentistry. *Coatings* **2022**, *12*, 797. <https://doi.org/10.3390/coatings12060797>
 7. Beschiu, L.M.; Craiovan, B.A.; Popa, S.; Micle, D.; Ardelean, L.C.; Rusu, L.C. An Ancient Mesiodens Investigated by Cone Beam CT. *Appl. Sci.* **2021**, *11*, 11703. <https://doi.org/10.3390/app112411703>
 8. Rusu, L.-C.; Ardelean, L.C.; Tigmeanu, C.V.; Matichescu, A.; Sauciu, I.; Bratu, E.A. COVID-19 and Its Repercussions on Oral Health: A Review. *Medicina* **2021**, *57*, 1189. <https://doi.org/10.3390/medicina57111189>
 9. Reclaru, L.; Ardelean, L.C. Evaluation of Passivation Process for Stainless Steel Hypotubes Used in Coronary Angioplasty Technique. *Coatings* **2021**, *11*, 448. <https://doi.org/10.3390/coatings11040448>
 10. Matichescu, A.; Ardelean, L.C.; Rusu, L.-C.; Craciun, D.; Bratu, E.A.; Babucea, M.; Leretter, M. Advanced Biomaterials and Techniques for Oral Tissue Engineering and Regeneration—A Review. *Materials* **2020**, *13*, 5303. <https://doi.org/10.3390/ma13225303>
 11. Reclaru, L.; Ardelean, L.C. Corrosion Susceptibility and Allergy Potential of Austenitic Stainless Steels. *Materials* **2020**, *13*, 4187. <https://doi.org/10.3390/ma13184187>
 12. Rusu, L.-C.; Ardelean, L.C.; Jitariu, A.-A.; Miu, C.A.; Streian, C.G. An Insight into the Structural Diversity and Clinical Applicability of Polyurethanes in Biomedicine. *Polymers* **2020**, *12*, 1197. <https://doi.org/10.3390/polym12051197>
 13. Martínez-Ojeda, R.M.; Pérez-Cárceles, M.D.; Ardelean, L.C.; Stanciu, S.G.; Bueno, H.M. Multiphoton Microscopy of Oral Tissues: Review. *Frontiers in Physics* **2020**, *8*, 128. <https://doi.org/10.3389/fphy.2020.00128>
 14. Reclaru, L.; Ardelean, L.C.; Miu, C.A.; Grecu, A.F. Are Zirconia Bioceramics and Ceramics Intended to Come in Contact with Skin Inert? *Materials* **2020**, *13*, 1697. <https://doi.org/10.3390/ma13071697>
 15. Ardelean, L.C. Novel Scanning Characterization Approaches for the Accurate Understanding and Successful Treatment of Oral and Maxillofacial Pathologies. *Scanning*, **2020**, *2020*, 6545823. <https://doi.org/10.1155/2020/6545823>
 16. Ionescu, F.; Reclaru, L.; Ardelean, L.C.; Blatter, A. Comparative Analysis of the Corrosion Resistance of Titanium Alloys Intended to Come into Direct or Prolonged Contact with Live Tissues. *Materials* **2019**, *12*, 2841. <https://doi.org/10.3390/ma12172841>
 17. Roi, A.; Ardelean, L.C.; Roi, C.I.; Boia, E.-R.; Boia, S.; Rusu, L.-C. Oral Bone Tissue Engineering: Advanced Biomaterials for Cell Adhesion, Proliferation and Differentiation. *Materials* **2019**, *12*, 2296. <https://doi.org/10.3390/ma12142296>
 18. Grecu, A.F.; Reclaru, L.; Ardelean, L.C.; Nica, O.; Ciucă, E.M.; Ciurea, M.E. Platelet-Rich Fibrin and Its Emerging Therapeutic Benefits for Musculoskeletal Injury Treatment. *Medicina* **2019**, *55*, 141. <https://doi.org/10.3390/medicina55050141>
 19. Ziegenhagen, R.; Reclaru, L.; Ardelean, L.C.; Grecu, A.F. Corrosion Resistance of Stainless Steels Intended to Come into Direct or Prolonged Contact with the Skin. *Materials* **2019**, *12*, 987. <https://doi.org/10.3390/ma12060987>

