

INFORMAȚII PERSONALE

ARDELEAN ANDREI

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Sexul M | Data nașterii | Naționalitatea Română

EXPERIENȚĂ PROFESIONALĂ

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- | | |
|----------------|----------------------------------------------------------------------------------------|
| 2023 – prezent | Medic primar chirurgie generală
Spitalul Clinic Județean de Urgență Arad |
| 2018 – 2023 | Medic specialist chirurgie generală
Spitalul Clinic Județean de Urgență Arad |
| 2012 – 2017 | Medic rezident chirurgie generală
Spitalul Clinic Județean de Urgență Arad |
| 2016 – 2017 | Farmacist în cadrul studiului "Eclaprim vs Vancomycin" – Motif Covance |

EDUCAȚIE ȘI FORMARE

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- | | |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 2018 – 2024 | Diploma doctor în științe medicale
Universitatea de Vest "Vasile Goldiș" Arad
▪ Markerii predictivi în evoluția piciorului diabetic |
| 2019 - 2021 | Modul psihopedagogie – Nivel I și II
Universitatea de Vest "Vasile Goldiș" Arad |
| 2005 – 2011 | Diplomă licență doctor – medic
Universitatea de Vest "Vasile Goldiș" Arad, Facultatea de Medicină |
| 2001 – 2005 | Diplomă bacalaureat
Colegiul de Industrie Alimentară, Arad |

COMPETENTE PERSONALE

Limba(i) maternă(e) Română

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citare	Participare la conversație	Discurs oral	
Engleză	B1	B2	B2	B2	B2
Scrieți denumirea certificatului. Scrieți nivelul, dacă îl cunoașteți.					
Germană	A1	A1	A1	A1	A1
Scrieți denumirea certificatului. Scrieți nivelul, dacă îl cunoașteți.					

Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat
 Cadrul european comun de referință pentru limbi străine

INFORMATII SUPLIMENTARE

Publicații științifice

- Ardelean, A., Balta, D. F., Neamtu, C., Neamtu, A. A., Rosu, M., & Totolici, B. (2024). Personalized and predictive strategies for diabetic foot ulcer prevention and therapeutic management: potential improvements through introducing Artificial Intelligence and wearable technology. *Medicine and pharmacy reports*, 97(4), 419–428. <https://doi.org/10.15386/mpr-2818>
- Ardelean, A.; Balta, D.-F.; Neamtu, C.; Neamtu, A.A.; Roșu, M.; Totolici, B.. Inflammatory Markers Influencing Mortality Rates in Diabetic Foot Ulcer – a prospective study. *Timisoara Med* **2024**, 2024(2), 2. DOI:10.35995/tmj20240202. **BDI** Indexat în <https://doaj.org/>.
- Ardelean, A.; Neamtu, A.-A.; Balta, D.-F.; Neamtu, C.; Goldis, D.; Rosu, M.; Nesiu, A.; Moldovan, S.; Tarta, C.; Totolici, B.D. Lipid Profile Paradox: Investigating Improved Lipid Levels in Diabetic Mellitus Patients with Foot Ulcer Infections—A Prospective Descriptive Study. *Diagnostics* 2023, 13, 3531. <https://doi.org/10.3390/diagnostics13233531>
- Ardelean, A.; Balta, D.-F.; Neamtu, C.; Neamtu, A.A.; Rosu, M.; Pilat, L.; Moldovan, S.; Tarta, C.; Totolici, B. Pentraxin-3 and Other Inflammatory Markers for an Infected Diabetic Foot Ulcer Diagnosis: A Prospective Study. *Diagnostics* 2023, 13, 2366. <https://doi.org/10.3390/diagnostics13142366>
- Maghiar, Octavian Adrian et al. “Covid-19 and Its Impact on Colorectal Cancer Diagnosis in Romania: A Single-Centered 5-year Retrospective Cohort Study.” *Chirurgia* (Bucharest, Romania : 1990) vol. 118,5 (2023): 487-501. doi:10.21614/chirurgia.2023.v.118.i.5.p.487
- Nicolescu, C. M., Neșiu, A., Uzum, A., Laza, D. C., Nicolescu, L. C., Freiman, P., Ardelean, A., Ene, R., & Marți, T. D. (2022). Esophageal ulcer associated with mild hemophilia A: case report. *Romanian journal of morphology and embryology = Revue roumaine de morphologie et embryologie*, 63(3), 581–585. <https://doi.org/10.47162/RJME.63.3.14>
- Neșiu, A., Neamtu, C., Nicolescu, C. M., Totolici, B. D., Mureșanu, H. D., Roșu, M. C., Ardelean, A., Silivestru, V. C., Stăniș, L. A., & Marți, T. D. (2021). Sarcomatoid renal cell carcinoma with clear cells and eosinophilia: a case report and short review of the literature. *Romanian journal of morphology and embryology = Revue roumaine de morphologie et embryologie*, 62(3), 835–839. <https://doi.org/10.47162/RJME.62.3.22>
- Neamtu, C., Totolici, B. D., Crețu, O. M., Stănescu, C., Ardelean, A., Badea, O., Pribac, G. C., Ciobanu, M. O., Mateescu, G. O., & Mogoantă, S. Ș. (2017). Synchronous gastric tumors - case presentation. *Romanian journal of morphology and embryology = Revue roumaine de morphologie et embryologie*, 58(1), 235–240.
- Roșu, M. C., Mihnea, P. D., Ardelean, A., Moldovan, S. D., Popeti, R. O., & Totolici, B. D. (2022). Clinical significance of tumor necrosis factor-alpha and carcinoembryonic antigen in gastric cancer. *Journal of medicine and life*, 15(1), 4–6. <https://doi.org/10.25122/jml-2020-0098>

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- Roșu, M. C., Ardelean, A., Moldovan, S. D., Faur, F. I., Nesi, A., & Totolici, B. D. (2023). The importance of CA 72-4 and CA 19-9 dosing in gastric cancer. *Journal of medicine and life*, 16(2), 186–188. <https://doi.org/10.25122/jml-2022-0173>
- Rosu, M. C., Tarta, C., Moldovan, S., Neamtu, A. A., Ardelean, A., Capitanio, M., Herczeg, D., Faur, I. F., Bende, R., Pilat, L., Prunoiu, V. M., Neamtu, C., & Totolici, B. D. (2025). Integrating TNF- α with Established Tumor Markers to Enhance Prognostic Accuracy in Gastric Cancer: A Prospective Observational Study. *Biomedicines*, 13(4), 928. <https://doi.org/10.3390/biomedicines13040928>
- Bliidișel, A., Roșu, M.-C., Neamțu, A.-A., Totolici, B. D., Pop-Moldovan, R.-O., Ardelean, A., Iovin, V.-C., Faur, I. F., Dehelean, C. A., Dema, S. A., & Neamțu, C. (2025). Predictive Factors Aiding in the Estimation of Intraoperative Resources in Gastric Cancer Oncologic Surgery. *Cancers*, 17(12), 2038. <https://doi.org/10.3390/cancers17122038>
- Coman, A., Tarta, C., Isaic, A., Marian, M., Olariu, S., Ardelean, A., Macovei-Oprescu, A.-M., Roland, F., Pupca, G.-N., Latcu, S., Suci, C. S., & Murariu, M. (2025). Predictors of Hungry Bone Syndrome After Parathyroidectomy in Secondary Hyperparathyroidism: A Narrative Review of Bone Turnover Biomarkers and Risk Prediction Tools. *Journal of Clinical Medicine*, 14(21), 7849. <https://doi.org/10.3390/jcm14217849>

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Personalized and Predictive Strategies for Diabetic Foot Ulcer Prevention and Therapeutic Management: Potential Improvements Through Introducing Artificial Intelligence and Wearable Technology

- Brognara, L., Sempere-Bigorra, M., & Cauli, O. (2025). Salivary 1,5-Anhydroglucitol and AGEs Are Associated with Postural Instability in Diabetic Foot Patients. *Medicina (Kaunas, Lithuania)*, 61(6), 968. <https://doi.org/10.3390/medicina61060968>
- Kumar, R., Sporn, K., Gowda, C., Paladugu, P., Alnemri, A., Khanna, A., ... & Zaman, N. (2025). Integrating Multi-Modal Predictive Modeling, Imaging Biomarkers, and EHR-Linked Decision Support Systems in Spine-Focused Biomedical Informatics.
- Wah, K., & Ng, J. (2024). Wear the Future of Healthcare: Revolutionizing Healthcare with AI-Driven Wearables for Enhanced Health and Wellness. Available at SSRN 5194254.
- Fahmy, A. M. Assessing the Efficacy of AI Models in Medical Imaging Analysis for the Early Identification of Diabetic Foot Ulcers and Gangrene: A Review. *Methods*, 2, 3.
- Pandey, G., Kolipaka, T., Srinivasarao, D. A., Abraham, N., Jain, A., & Srivastava, S. (2025). Navigating the complexities of diabetic foot ulcers: From pathophysiology to advanced treatment strategies. *Journal of Drug Delivery Science and Technology*, 106852.

Lipid Profile Paradox: Investigating Improved Lipid Levels in Diabetic Mellitus Patients with Foot Ulcer Infections—A Prospective Descriptive Study

- Gordon, L. A., Morrison, E. Y., McGrowder, D. A., Young, R., Fraser, Y. T. P., Zamora, E. M., ... & Irving, R. R. (2008). Effect of exercise therapy on lipid profile and oxidative stress indicators in patients with type 2 diabetes. *BMC complementary and alternative medicine*, 8(1), 21.
- Wang, C. S., Pai, Y. W., Lin, C. H., Lee, I. T., Chen, H. H., & Chang, M. H. (2024). Diabetic peripheral neuropathy: age-stratified glycemic control. *Frontiers in Endocrinology*, 15, 1377923.
- Kobos, E., Serafin, O., Kostrzewa-Zablocka, E., & Stefanowicz-Bielska, A. (2025). Social support and disease acceptance in patients with diabetic foot syndrome and their relationship with the metabolic control of the disease. *Journal of Clinical Medicine*, 14(10), 3412.
- Lin, S. S., Chen, C. R., Xu, W. C., Fu, J., Xu, J. Q., & Liang, Z. H. (2025). Association between anemia and the risk of diabetic foot ulcer: A meta-analysis. *World Journal of Diabetes*, 16(6), 105155.
- Cao, B., Li, K., Ke, J., & Zhao, D. (2024). Trajectories of Remnant Cholesterol are Associated with Diabetic Foot Ulcer in Adult Patients with Type 2 Diabetes: A Retrospective Cohort Study. *Diabetes, Metabolic Syndrome and Obesity*, 3043-3051.
- Hamad, N. A., Eltayeb, L. B., & Yassin, H. M. (2025). Serum Calcium, Vitamin D and C-Reactive Protein as Early Predictors for Diabetic Foot Ulcer. *Biomedical and Pharmacology Journal*, 18(1), 887-897.
- Chen, T., Yu, J., Mu, Q., Wu, R., Chang, Q., Ye, J., & Qian, C. (2024). Risk Factors for Multidrug-Resistant Bacterial Infection in Diabetic Foot Ulcers. *Clinical Laboratory*, 70(11).
- Veryanti, P. R., Yunir, E., Saptaningsih, A. B., & Sauriasari, R. (2025). Factors affecting mortality in diabetic foot ulcer infection patients in national referral hospital, Jakarta, Indonesia: 4-year cross-sectional study. *Journal of Applied Pharmaceutical Science*, 15(4), 262-273.

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- Ratha, R. A., Al-Nimer, M. S., & Esmail, V. A. W. (2025). The Interplay of Acute-to-Chronic Glycemic Ratio with Other Biomarkers in Diabetic Foot Ulcers: An Effect is not Related to the Therapeutic Remedies. *Biomedical Research and Therapy*, 12(7), 7512-7522.
 - Morakinyo, A. E., Babarinde, S. O., Godwin, A., Olopade, E. T., Tochukwu, W. T. T. W., Ibraheem, O., & Oyedepo, T. A. (2024). Effect of lime juice extract of cashew bark on lipid biomarkers in indomethacin-induced gastric ulcerated Wistar rats. *Journal of Phytomedicine and Therapeutics*, 23(2), 1472-1491.

Pentraxin-3 and Other Inflammatory Markers for an Infected Diabetic Foot Ulcer Diagnosis: A Prospective Study

- Chen, H., Mei, S., Zhou, Y., & Dai, J. (2024). Systematic review and meta-analysis of the diagnostic accuracy of inflammatory markers for infected diabetic foot ulcer. *Journal of Tissue Viability*, 33(4), 598-607.
- Li, L., Liu, H., Zhang, Q., Jin, H., Tao, H., Chen, H., & Zhou, Z. (2024). Pentraxin-3 and outcomes in CKD: A systematic review and meta-analysis. *Kidney Medicine*, 6(4), 100800.
- Dobriceanu, R. C., Meca, A. D., Boboc, I. K. S., Mititelu-Tartau, L., Naidin, M. S., Turcu-Stolica, A., & Bogdan, M. (2025). Pentraxin-3 as a Biomarker in Diabetes Mellitus: Insights into Inflammation, Vascular Complications, and Modulation by Antidiabetic Medications. *Biomedicines*, 13(4), 891.
- Shukur, A. A., & Zeiny, S. M. H. (2025). Efficacy of hypochlorous acid solution in comparison with povidone iodine solution for the management of infected diabetic foot ulcers. *Medical Journal Armed Forces India*.
- HU, J., ZHANG, D., & CHENG, E. (2025). Effects of TLR-9 (1237 T/C) gene polymorphism on recurrent infection in patients with diabetic foot. *Chinese Journal of Clinical Pharmacology and Therapeutics*, 30(7), 950.

Alte publicații

- Ardelean, A., Balta D.-F., Goldiș D.S. (2024). *Tehnologia Cuantică în Medicină*. Editura Concordia Arad. ISBN: 978-606-627-257-5
- Ardelean, A., Balta D.-F., Goldiș D.S. (2024). *Aplicații ale Tehnologiei Cuantice în Chirurgie*. Editura Concordia Arad. ISBN: 978-606-627-255-1