

LISTA DE LUCRĂRI

1. Lucrări publicate în calitate de autor principal`

1. Stoicescu, E.R.; **Ghenciu, L.A.**; Iacob, R.; Ardelean, A.I.; Dăescu, E.; Hațegan, O.A.; Manolescu, D.; Tudorache, E.; Boru, C.; Dima, M. CMV Retinitis in the Context of SARS-CoV-2 Infection: A Case Study and Comprehensive Review of Viral Interactions. *Pathogens* **2024**, *13*, 938. <https://doi.org/10.3390/pathogens13110938>
2. Toma, D.; Păpurică, M.; Rogobete, A.; **Ghenciu, L.A.**; Băloi, A.; Bârsac, C.R.; Bedreag, O.H.; Gizea, C.A.; Hațegan, O.A.; Săndesc, D. Integrated Multimodal Strategy to Reduce Healthcare-Associated Infections in a Trauma ICU: Impact of a Quality Improvement Project. *J. Clin. Med.* **2025**, *14*, 5826. <https://doi.org/10.3390/jcm14165826>
3. **Ghenciu, L.A.**; Andrei, D.; Borza, C.; Iacob, R.; Stoicescu, E.R.; Bolintineanu, S.L.; Iacob, D.; Hațegan, O.A. Therapeutic Potential of Rho Kinase Inhibitors in Corneal Disease: A Systematic Review of Preclinical and Clinical Studies. *Biomedicines* **2025**, *13*, 1602. <https://doi.org/10.3390/biomedicines13071602>
4. Prodan-Bărbulescu, C.; **Ghenciu, L.A.**; Șeclăman, E.; Bujor, G.C.; Enătescu, V.; Danila, A.-I.; Dăescu, E.; Rosu, L.M.; Faur, I.F.; Tuțac, P.; et al. Exploring miRNA Biomarkers in Major Depressive Disorder: A Molecular Medicine Perspective. *Curr. Issues Mol. Biol.* **2024**, *46*, 10846-10853. <https://doi.org/10.3390/cimb46100644>
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6. **Ghenciu, L.A.**; Șîșu, A.M.; Stoicescu, E.R.; Dănilă, A.-I.; Iacob, R.; Săndesc, M.-A.; Hațegan, O.A. Thyroid Eye Disease and Glaucoma: A Cross-Sectional Study Comparing Clinical Characteristics and Disease Severity. *Medicina* **2024**, *60*, 1430. <https://doi.org/10.3390/medicina60091430>
7. **Ghenciu, L.A.**; Hațegan, O.A.; Stoicescu, E.R.; Iacob, R.; Șîșu, A.M. Emerging Therapeutic Approaches and Genetic Insights in Stargardt Disease: A Comprehensive Review. *Int. J. Mol. Sci.* **2024**, *25*, 8859. <https://doi.org/10.3390/ijms25168859>
8. **Ghenciu, L.A.**; Hațegan, O.A.; Bolintineanu, S.L.; Dănilă, A.-I.; Iacob, R.; Stoicescu, E.R.; Lupu, M.A.; Olariu, T.R. Human Ocular Toxoplasmosis in Romania: History, Epidemiology, and Public Health: A Narrative Review. *Microorganisms* **2024**, *12*, 1541. <https://doi.org/10.3390/microorganisms12081541>
9. **Ghenciu, L.A.**; Hațegan, O.A.; Bolintineanu, S.L.; Dănilă, A.-I.; Faur, A.C.; Prodan-Bărbulescu, C.; Stoicescu, E.R.; Iacob, R.; Șîșu, A.M. Immune-Mediated Ocular Surface Disease in Diabetes Mellitus—Clinical Perspectives and Treatment: A Narrative Review. *Biomedicines* **2024**, *12*, 1303. <https://doi.org/10.3390/biomedicines12061303>

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12. Dănilă, A.-I.; **Ghenciu, L.A.**; Stoicescu, E.R.; Bolintineanu, S.L.; Iacob, R.; Săndesc, M.-A.; Faur, A.C. Aldose Reductase as a Key Target in the Prevention and Treatment of Diabetic Retinopathy: A Comprehensive Review. *Biomedicines* **2024**, *12*, 747.
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13. Rosu, L.M.; Prodan-Bărbulescu, C.; Maghiari, A.L.; Bernad, E.S.; Bernad, R.L.; Iacob, R.; Stoicescu, E.R.; Borozan, F.; **Ghenciu, L.A.** Current Trends in Diagnosis and Treatment Approach of Diabetic Retinopathy during Pregnancy: A Narrative Review. *Diagnostics* **2024**, *14*, 369.
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14. Prodan-Bărbulescu, C.; Watz, C.-G.; Moacă, E.-A.; Faur, A.-C.; Dehelean, C.-A.; Faur, F.I.; Grigoriță, L.O.; Maghiari, A.L.; Tuțac, P.; Duță, C.; et al. A Preliminary Report Regarding the Morphological Changes of Nano-Enabled Pharmaceutical Formulation on Human Lung Carcinoma Monolayer and 3D Bronchial Microtissue. *Medicina* **2024**, *60*, 208.
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15. **Ghenciu, L.A.**; Faur, A.C.; Bolintineanu, S.L.; Salavat, M.C.; Maghiari, A.L. Recent Advances in Diagnosis and Treatment Approaches in Fungal Keratitis: A Narrative Review. *Microorganisms* **2024**, *12*, 161. <https://doi.org/10.3390/microorganisms12010161>
16. **Ghenciu LA**, Bolintineanu SL, Borcan F, Zahoi E. Surface-modified Polyurethane Structures Used as a Carrier for Simvastatin for the Possible Treatment of Atherosclerosis in Patients with Hepatic Arterial Variations. *Materiale Plastice*. January 2024/
17. **Bolintineanu, L.A.**; Bolintineanu, S.L.; Iacob, N.; Zăhoi, D.-E. Clinical Consideration of Anatomical Variations in the Common Hepatic Arteries: An Analysis Using MDCT Angiography. *Diagnostics* **2023**, *13*, 1636. <https://doi.org/10.3390/diagnostics13091636>
18. Bolintineanu LA, Costea AN, Iacob N, Matusz P. Hepato-spleno-mesenteric trunk, in association with an accessory left hepatic artery, and common trunk of right and left inferior phrenic arteries, independently arising from left gastric artery: case report using MDCT angiography. *RJME* 2019
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Faur AC, Lazar DC, **Ghenciu LA**. Artificial intelligence as a noninvasive tool for pancreatic cancer prediction and diagnosis. *World J Gastroenterol* 2023; 29(12): 1811-1823 [PMID: [37032728](https://pubmed.ncbi.nlm.nih.gov/37032728/) DOI: [10.3748/wjg.v29.i12.1811](https://doi.org/10.3748/wjg.v29.i12.1811)]
24. **Ghenciu, L.A.**; Grigoras, M.L.; Rosu, L.M.; Bolintineanu, S.L.; Sima, L.; Cretu, O. Differentiating Liver Metastases from Primary Liver Cancer: A Retrospective Study of Imaging and Pathological Features in Patients with Histopathological Confirmation. *Biomedicines* **2025**, *13*, 164. <https://doi.org/10.3390/biomedicines13010164>
25. Petrea, C.E.; **Ghenciu, L.A.**; Iacob, R.; Stoicescu, E.R.; Săndesc, D. Vitamin D Deficiency as a Risk Factor for Diabetic Retinopathy: A Systematic Review and Meta-Analysis. *Biomedicines* **2025**, *13*, 68. <https://doi.org/10.3390/biomedicines13010068>

2. Lucrări publicate în calitate de co-autor

1. Mihu, A.G.; Lighezan, R.; Oatis, D.A.; Mederle, O.A.; Petriner-Mocanu, C.; Petrescu, C.; Prisca, M.E.; **Ghenciu, L.A.**; Avram, C.R.; Lupu, M.A.; et al. A Severe Case of *Plasmodium falciparum* Malaria in a 44-Year-Old Caucasian Woman on Return to Western Romania from a Visit to Nigeria. *Life* **2024**, *14*, 1454. <https://doi.org/10.3390/life14111454>
2. Prodan-Bărbulescu, C.; Faur, F.I.; Varga, N.-I.; Hajjar, R.; Pașca, P.; **Ghenciu, L.-A.**; Feier, C.I.V.; Dema, A.; Fărcaș, N.; Bolintineanu, S.; et al. A Histopathological and Surgical Analysis of Gastric Cancer: A Two-Year Experience in a Single Center. *Cancers* **2025**, *17*, 2219. <https://doi.org/10.3390/cancers17132219>
3. Roșu, A.-I.; Andrei, D.; **Ghenciu, L.A.**; Bolintineanu, S.L. Hydrocephalus: Molecular and Neuroimaging Biomarkers in Diagnosis and Management. *Biomedicines* **2025**, *13*, 1511. <https://doi.org/10.3390/biomedicines13071511>
4. Iacob, R.; Iacob, E.R.; Stoicescu, E.R.; Manolescu, D.; **Ghenciu, L.A.**; Căprariu, R.; Constantinescu, A.; Ciobanu, I.; Bardan, R.; Cumpănaș, A. Radiologic Assessment of Periprostatic Fat as an Indicator of Prostate Cancer Risk on Multiparametric MRI. *Bioengineering* **2025**, *12*, 831. <https://doi.org/10.3390/bioengineering12080831>
5. Stolojanu, C.; Doros, G.; Bratu, M.L.; Ciobanu, I.; Munteanu, K.; Iacob, E.R.; **Ghenciu, L.A.**; Stoicescu, E.R.; Dima, M. COVID-19 and Its Potential Impact on Children Born to Mothers Infected During Pregnancy: A Comprehensive Review. *Diagnostics* **2024**, *14*, 2443. <https://doi.org/10.3390/diagnostics14212443>
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7. Roșu, C.D.; Bratu, M.L.; Stoicescu, E.R.; Iacob, R.; Hațegan, O.A.; **Ghenciu, L.A.**; Bolintineanu, S.L. Cardiovascular Risk Factors as Independent Predictors of Diabetic Retinopathy in Type II Diabetes Mellitus: The Development of a Predictive Model. *Medicina* **2024**, *60*, 1617. <https://doi.org/10.3390/medicina60101617>

8. Prodan-Bărbulescu, C.; Alin, C.D.; Faur, I.F.; Bujor, G.C.; Şeclăman, E.P.; Enătescu, V.; Dănilă, A.-I.; Dăescu, E.; Hajjar, R.; **Ghenciu, L.A.**; et al. Identification of Specific Plasma miRNAs as Potential Biomarkers for Major Depressive Disorder. *Biomedicines* **2024**, *12*, 2165. <https://doi.org/10.3390/biomedicines12102165>
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11. Iacob, R.; Iacob, E.R.; Stoicescu, E.R.; Ghenciu, D.M.; Cocolea, D.M.; Constantinescu, A.; **Ghenciu, L.A.**; Manolescu, D.L. Evaluating the Role of Breast Ultrasound in Early Detection of Breast Cancer in Low- and Middle-Income Countries: A Comprehensive Narrative Review. *Bioengineering* **2024**, *11*, 262. <https://doi.org/10.3390/bioengineering11030262>
12. Prodan-Bărbulescu, C.; Şeclăman, E.P.; Enătescu, V.; Faur, I.F.; **Ghenciu, L.A.**; Tuţac, P.; Paşca, P.; Grigoriţă, L.O. Evaluating the Connection between MicroRNAs and Long Non-Coding RNAs for the Establishment of the Major Depressive Disorder Diagnosis. *Biomedicines* **2024**, *12*, 516. <https://doi.org/10.3390/biomedicines12030516>
13. Stoicescu, E.R.; Iacob, R.; Ilie, A.C.; Iacob, E.R.; Susa, S.R.; **Ghenciu, L.A.**; Constantinescu, A.; Cocolea, D.M.; Oancea, C.; Manolescu, D.L. Differentiating Viral from Bacterial Pneumonia in Children: The Diagnostic Role of Lung Ultrasound—A Prospective Observational Study. *Diagnostics* **2024**, *14*, 480. <https://doi.org/10.3390/diagnostics14050480>
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15. Stoicescu, E.R.; Iacob, R.; Iacob, E.R.; **Ghenciu, L.A.**; Oancea, C.; Manolescu, D.L. Tiny Lungs, Big Differences: Navigating the Varied COVID-19 Landscape in Neonates vs. Infants via Biomarkers and Lung Ultrasound. *Biomedicines* **2024**, *12*, 425. <https://doi.org/10.3390/biomedicines12020425>
16. Stoicescu, E.R.; Iacob, R.; Ilie, A.C.; Iacob, E.R.; Susa, S.R.; **Ghenciu, L.A.**; Constantinescu, A.; Cocolea, D.M.; Ciornei-Hoffman, A.; Oancea, C.; et al. Stratifying Disease Severity in Pediatric COVID-19: A Correlative Study of Serum Biomarkers and Lung Ultrasound—A Retrospective Observational Dual-Center Study. *Diagnostics* **2024**, *14*, 440. <https://doi.org/10.3390/diagnostics14040440>
17. Stoicescu, E.R.; Lovrenski, J.; Iacob, R.; Cerbu, S.; Iacob, D.; Iacob, E.R.; Susa, S.R.; Ciuca, I.M.; **Bolintineanu, L.A.**; Ciornei-Hoffman, A.; et al. COVID-19 in Infants and Children under 2 Years—Could Lung Ultrasound Score Be Correlated with Biomarkers and Symptoms? *Biomedicines* **2023**, *11*, 2620. <https://doi.org/10.3390/biomedicines11102620>
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