

Curriculum Vitae

Informații personale

Nume: Ghenciu Laura Andreea

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Experiență profesională

12/2024 – prezent

Medic specialist oftalmologie

Spitalul Clinic Județean de Urgență Timișoara

01/01/2019 – 10/06/2024

Medic rezident oftalmologie

Spitalul Clinic Municipal de Urgență Timișoara

Activitate didactică universitară

29/09/2025 – prezent

Șef de lucrări universitar

01/10/2024 – 28/09/2025

Asistent universitar

01/10/2020 – 20/09/2024

Asistent universitar asociat (doctorand)

Universitatea de Medicină și Farmacie „Victor Babeș” Timișoara

Facultatea de Medicină, România

Educație și formare

2012 – 2018

Student – Medicină

Universitatea de Medicină și Farmacie „Victor Babeș” Timișoara

2008 – 2012

Diplomă de bacalaureat

Colegiul Național Bănățean, Timișoara

2000 – 2008

Examen de capacitate

Colegiul Național Bănățean, Timișoara

Competențe personale

Limba maternă

Română

Limbi străine

Limba	Ascultare	Citire	Vorbire	Sciere	Nivel general
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Germană	B2	B2	B1	B1	B1
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Certificat Die ÖSD-Prüfung

Engleză	C1	C1	B2	B2	C1
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Italiană	A2	A2	A2	A2	A2
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Niveluri conform Cadrului European Comun de Referință pentru Limbi Străine (CECRL).

Coordonare lucrări științifice studențești

- Implicare în proiecte de cercetare la nivel universitar și coordonarea lucrărilor de licență ale studenților.
 - Coordonarea lucrării de licență:
„Evaluarea morfofuncțională în neuropatia optică glaucomatoasă.” (2024)
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Supraveghere examene

- Supraveghetor – examenul de admitere la facultatea de medicină, 2024, asigurând buna desfășurare și respectarea regulamentelor academice.
 - Supraveghetor – examenul național de rezidențiat, 2024, responsabil de monitorizarea procedurilor și integrității academice.
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Activitate didactică postuniversitară

- Lector invitat – curs postuniversitar „medicină personalizată – BIOSINT”, universitatea de medicină și farmacie „victor babeș” timișoara, 2025.
 - Lector – cursuri interdisciplinare postuniversitare organizate de disciplina de fiziopatologie:
 - 2023: *Fiziopatologia la interfața dintre specialități*
 - 2024: *Aspecte actuale de fiziopatologie, diagnostic, prognostic și tratament în diverse boli acute și cronice*
 - 2025: *Actualități în fiziopatologie, screening, diagnostic și tratament al bolilor acute și cronice*
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Cursuri

- International Seminar of Corpus Water and Body Fluids, Timișoara, 2014
 - Cursul Național de Ghiduri în Anestezie și Terapie Intensivă, Timișoara, 2015, 2016
 - Noutăți în diagnosticul și monitorizarea pacienților cu glaucom, 2015
 - Curs Uveite, Clinica de Oftalmologie Timișoara, 2019
 - Curs OCT, Clinica de Oftalmologie Timișoara, 2020
 - Curs Biometrie, Clinica de Oftalmologie Timișoara, 2021
 - Curs Laser Pol Posterior, Clinica de Oftalmologie Timișoara, 2022
 - Curs Chirurgia Cataractei, Clinica de Oftalmologie Timișoara, 2023
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Workshopuri

- Școala de vară UMFT, 2014
 - ADAM Summer School – Anesthesiology and Emergency Medicine, Amsterdam, 2015
 - Noduri și Suturi – SSCR Timișoara (edițiile VIII – participant; XXI – observator)
 - Digestive Surgical Skills – SSCR Timișoara (ediția I – participant)
 - Basic Plastic Surgery Skills, 2015
 - *Problem Solving Model as a Unifying Principle of Creativity in Art and Science*, 2016
 - Școala de vară UMFT, 2016
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Schimburi de experiență

- Participant – Twinning Project Heidelberg, 2016
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Conferințe

- *Burns Not Only Leave Scars – Managementul Pacientului Ars*, Timișoara, 2016

- HEART Timișoara, 2016
 - Conferința Națională de Oftalmologie, Timișoara – 2015, 2017, 2019
 - Conferința de Malpraxis, Timișoara, 2015
 - Congresul de Coloproctologie, Timișoara, 2016
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Congrese

- Al VI-lea Congres al Societății Române de Cataractă și Chirurgie Refractivă și Conferința Anuală a Societății Române de Retină, Eforie Nord
 - ESCRS Congress, Amsterdam, 2021
-

Proiecte

- Coordonator proiect: „*The Right Man in the Right Place – An Ordinary Hero*” (EMSA Timișoara)
 - Organizator: Congresul Național cu Participare Internațională CardioCare, Timișoara, 2016
 - Organizator: Conferința de Medicină Integrativă, Timișoara, 2016
 - Organizator: Turul Bobocilor EMSA, 2016
 - Membru: Proiectul „Prim ajutor în școli”, EMSA Timișoara
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Voluntariat

- Tutor – disciplina Fiziopatologie, UMFT (2015–2018)
 - Voluntar – Serviciul de Ambulanță Județean Timiș
 - Voluntar – EMSA Timișoara
 - Voluntar – Asociația Little People Timișoara
 - Voluntar – Disciplina de Genetică, UMF „Victor Babeș”, Centrul de Genomică
-

Teza de doctorat

"Morphological Variability of Aberrant Hepatic Arteries Studied Using MDCT Angiography"

13 November 2023

UMF Victor Babeș, Timișoara, Romania

Cărți și capitole în cărți publicate

Human Anatomy-Study Guide with Clinical Correlations; Editura Victor Babes, 2025. (capitol in carte)

Lucrări indexate ISI/BDI publicate

Lucrari publicate in 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.; Şeclăman, E.; Bujor, G.C.; Enătescu, V.; Danila, A.-I.; Dăescu, E.; Rosu, L.M.; Faur, I.F.; Tuţac, 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>
5. Ghenciu, L.A.; Dima, M.; Stoicescu, E.R.; Iacob, R.; Boru, C.; Haţegan, O.A. Retinal Imaging-Based Oculomics: Artificial Intelligence as a Tool in the Diagnosis of Cardiovascular and Metabolic Diseases. *Biomedicines* 2024, 12, 2150. <https://doi.org/10.3390/biomedicines12092150>
6. Ghenciu, L.A.; Şişu, A.M.; Stoicescu, E.R.; Dănilă, A.-I.; Iacob, R.; Săndesc, M.-A.; Haţegan, 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.; Haţegan, O.A.; Stoicescu, E.R.; Iacob, R.; Şişu, 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.; Haţegan, 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.; Haţegan, O.A.; Bolintineanu, S.L.; Dănilă, A.-I.; Faur, A.C.; Prodan-Bărbulescu, C.; Stoicescu, E.R.; Iacob, R.; Şişu, 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>
10. Faur, A.C.; Buzaş, R.; Lăzărescu, A.E.; Ghenciu, L.A. Current Developments in Diagnosis of Salivary Gland Tumors: From Structure to Artificial Intelligence. *Life* 2024, 14, 727. <https://doi.org/10.3390/life14060727>
11. Faur, A.C.; Gurban, C.V.; Dăescu, E.; Tîrziu, R.V.; Lazăr, D.C.; Ghenciu, L.A. Mucin-Producing Lobular Breast Carcinoma Metastasis to an Ovarian Fibroma: Histopathological and Immunohistochemical Analysis of a Rare Case and Literature Review. *Diagnostics* 2024, 14, 953. <https://doi.org/10.3390/diagnostics14090953>
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. <https://doi.org/10.3390/biomedicines12040747>
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. <https://doi.org/10.3390/diagnostics14040369>
14. Prodan-Bărbulescu, C.; Watz, C.-G.; Moacă, E.-A.; Faur, A.-C.; Dehelean, C.-A.; Faur, F.I.; Grigoriţă, L.O.; Maghiari, A.L.; Tuţac, P.; Duţă, 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. <https://doi.org/10.3390/medicina60020208>
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
19. Bolintineanu LA, Costea AN, Iacob N, Matusz P, Pusztai A. A gastrosplenic trunk in association with a replaced common hepatic artery arising independently from the superior mesenteric artery: A case report using multidetector computed tomography angiography. *Jassi* 2019
20. Alexandra Corina Faur, Laura Andreea Ghenciu, Camelia Viđiţa Gurban, Daniela Cornelia Lazăr. Unusual Fungal Species in Routine Cervicovaginal Papanicolaou Smears. *Clin. Exp. Obstet. Gynecol.* 2023, 50(8), 157. <https://doi.org/10.31083/j.ceog5008157>
21. Bolintineanu LA, Stoicescu ER, Iacob R, Iacob N, Bolintineanu SL, Zahoi E. Hepatic arterial variations detected at multidetector computer tomography angiography in the Romanian population. *Folia Morphologica* 2023
22. Replaced right hepatic artery originated from splenic artery, in association with gastrosplenic trunk: a case report. *RJME* 2020
23. Artificial intelligence as a noninvasive tool for pancreatic cancer prediction and diagnosis
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 DOI:

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>
26. Mederle, A.L.; Andrei, D.; Ghenciu, L.A.; Stoicescu, E.R.; Iacob, R.; Hațegan, O.A. Comparative Efficacy of Platelet-Rich Plasma, Autologous Serum, and Artificial Tears in Dry Eye Disease: A Systematic Review and Meta-Analysis. *Biomedicines* 2025, 13, 2316. <https://doi.org/10.3390/biomedicines13092316>

Lucrări publicate în calitate de co-autor

1. Mișu, A.G.; Lighezan, R.; Oatis, D.A.; Mederle, O.A.; Petrino-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>
6. Iacob, R.; Manolescu, D.; Stoicescu, E.R.; Cerbu, S.; Bardan, R.; Ghenciu, L.A.; Cumpănaș, A. The Diagnostic Value of bpMRI in Prostate Cancer: Benefits and Limitations Compared to mpMRI. *Bioengineering* 2024, 11, 1006. <https://doi.org/10.3390/bioengineering11101006>
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.; Șeclăman, 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>
9. Daescu, E.; Enache, A.; Stan, E.; Bolintineanu, S.L.; Ghenciu, L.A.; Faur, A.C.; Pusztai, A.M.; Zahoi, D.E. Double Anterior Interventricular Arteries: Prevalence and Morphological Types—A Dissection Study. *J. Pers. Med.* 2024, 14, 1007. <https://doi.org/10.3390/jpm14091007>
10. Faur, A.C.; Șișu, A.M.; Ghenciu, L.A.; Iacob, R.; Stoicescu, E.R.; Hațegan, O.A.; Cornianu, M. Clinical and Morphological Aspects of Aggressive Salivary Gland Mixed Tumors: A Narrative Review. *Diagnostics* 2024, 14, 1942. <https://doi.org/10.3390/diagnostics14171942>
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.; Șeclăman, E.P.; Enătescu, V.; Faur, I.F.; Ghenciu, L.A.; Tuțac, P.; Pașca, P.; Grigoriță, 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>

14. Iacob, E.R.; Iacob, R.; Ghenciu, L.A.; Popoiu, T.-A.; Stoicescu, E.R.; Popoiu, C.M. Small Scale, High Precision: Robotic Surgery in Neonatal and Pediatric Patients—A Narrative Review. *Children* 2024, 11, 270. <https://doi.org/10.3390/children11030270>
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.; Bolinteanu, 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>
18. Lazarescu AE , Hogeia BG , Andor BC, Totorean A, Cojocar DG, Negru M, Bolinteanu LA, Patrascu Jnr JM, Misca LC, Sandesc MA, Patrascu Snr JM . Using a Double Syringe Sterile System for MSK Aspiration/Injection Procedures Eliminates Risk of Iatrogenic Infection. *Dove Press* 2022
19. Andrei, D.; Mederle, A.L.; Ghenciu, L.A.; Borza, C.; Faur, A.C. Efficacy of Neurorehabilitation Approaches in Traumatic Brain Injury Patients: A Comprehensive Review. *Life* 2025, 15, 503.