

## INFORMAȚII PERSONALE

Ghenciu Laura Andreea

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## EXPERIENȚA PROFESIONALĂ

12/20/2024-prezent **Medic specialist oftalmologie**  
Spitalul Clinic Județean de Urgență Timișoara

01/01/2019–10/06/2024 **Medic rezident oftalmologie**  
Spitalul Clinic Municipal de Urgenta Timisoara

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 (Drd)**  
UMF Victor Babes, Facultatea de Medicina, Timisoara (România)

## EDUCAȚIE ȘI FORMARE

2012–2018 **Student**  
UMF Victor Babes, Facultatea de Medicina, Timisoara (România)

2008–2012 **Bacalaureat**  
Colegiul National Banatean, Timisoara (România)

2000–2008 **Capacitate**  
Colegiul National Banatean, Timisoara (România)

## COMPETENȚE PERSONALE

Limba(i) maternă(e) română

Limbile străine	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
germană	B2	B2	B1	B1	B1
	Die ÖSD-Prüfung				
engleză	C1	C1	B2	B2	C1
italiană	A2	A2	A2	A2	A2

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

## INFORMAȚII SUPLIMENTARE

**Cursuri** International Seminar of Corpus Water and Body Fluids, Timisoara, 2014

Cursul Național de Ghiduri în Anestezie și Terapie Intensivă, Timisoara, 2015, 2016

Noutăți în diagnosticul și monitorizarea pacienților cu glaucom 2015;

Curs Uveite 2019 Clinica de Oftalmologie Timisoara

Curs OCT 2020 Clinica de Oftalmologie Timisoara

## Curriculum vitae

Curs Biometrie 2021 Clinica de Oftalmologie Timisoara

Curs Laser Pol Posterior 2022 Clinica de Oftalmologie Timisoara

Curs Chirurgia Cataractei 2023 Clinica de Oftalmologie Timisoara

## Workshopuri Școala de vară UMFT 2014

Participant ADAM Summer School 2015 în Amsterdam (Anesthesiology and Emergency Medicine);

Ediția VIII a Noduri și Suturi al SSCR Timisoara (participant);

Ediția I Digestive Surgical Skills al SSCR Timisoara (participant);

Ediția XXI a Noduri și Suturi al SSCR Timisoara (observator);

Basic Plastic Surgery Skills, editia I, 2015;(participant)

Problem Solving Model as a Unifying Principle of Creativity in Art and Science' 2016;

Școala de vară UMFT 2016

## Schimb de experienta

Participant Twinning Project Heidelberg 2016;

## Conferințe

Burns Not Only Leave Scars- Managementul Pacientului Ars Timisoara 2016;

HEART Timisoara 2016;

Conferinta Națională de Oftalmologie Timișoara, 2015, 2017, 2019

Conferinta de Malpraxis, Timisoara 2015;

Congresul de Coloproctologie Timisoara 2016;

## Congres

AL VI LEA CONGRES AL SOCIETĂȚII ROMÂNE DE CATARACTĂ ȘI CHIRURGIE REFRACTIVĂ  
CU PARTICIPARE INTERNAȚIONALĂ ȘI CONFERINȚA ANUALĂ A SOCIETĂȚII ROMÂNE  
RETINA, EFORIE NORD  
ESCRS Congress Amsterdam 2021

## Proiecte

Coordonator proiect ,The right man in the right place-an ordinary hero' (EMSA Timisoara);

Organizator Congresul Național cu Participare Internațională CardioCare Timișoara 2016;

Organizator Conferința de Medicină Integrativă Timișoara 2016;

Organizator Turul Bobocilor EMSA 2016;

Membru al echipei Prim ajutor în școli al EMSA Timișoara.

## Voluntariat

Tutor la disciplina de fiziopatologie din cadrul UMFT  
(2015-2018);

Voluntar Serviciul de Ambulanță Județeană Timiș;

Voluntar Asociația EMSA Timisoara;

Voluntar Asociația Little People Timișoara;

Voluntar Disciplina de Genetica a UMFT Victor Babes, Centrul de Genomica;

# Listă lucrări științifice

## ARTICOLE 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. 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>
3. **Ghenciu, L.A.**; Dima, M.; Stoicescu, E.R.; Iacob, R.; Boru, C.; Hațegan, 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>
4. **Ghenciu, L.A.**; Șișu, 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>
5. **Ghenciu, L.A.**; Hațegan, O.A.; Stoicescu, E.R.; Iacob, R.; Șișu, 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>
6. **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>
7. **Ghenciu, L.A.**; Hațegan, O.A.; Bolintineanu, S.L.; Dănilă, A.-I.; Faur, A.C.; Prodan-Bărbulescu, C.; Stoicescu, E.R.; Iacob, R.; Șișu, 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>
8. Faur, A.C.; Buzaș, 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>
9. 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>
10. 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>
11. 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>
12. 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. <https://doi.org/10.3390/medicina60020208>
13. **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>

14. **Ghenciu, L.A.**; Bolintineanu, S.L.; 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*. 2024, 1964.
15. **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>
16. **Bolintineanu, L.A.**; Costea, A.N.; Iacob, N.; Pusztai, A.M.; Pleş, H.; 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 the left gastric artery: Case report using MDCT angiography. *Rom. J. Morphol. Embryol.* **2019**, *60*, 1323–1331. 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
17. Faur, A.C.; **Ghenciu, L.A.**; Gurban, C.V.; Lazăr, D.C. Unusual fungal species in routine cervicovaginal Papanicolaou smears. *Clin. Exp. Obstet. Gynecol.* **2023**, *50*, 157. <https://doi.org/10.31083/j.ceog5008157>
18. **Bolintineanu Ghenciu, L.A.**; Bolintineanu, S.L.; Iacob, R.; Stoicescu, E.R.; Zăhoi, D.E. Hepatic arterial variations detected at multidetector computed tomography angiography in the Romanian population. *Folia Morphol.* **2024**, *83*, 354–359. <https://doi.org/10.5603/FM.a2023.0050>
19. **Bolintineanu, L.A.**; Iacob, N.; Pusztai, A.M.; Pleş, H.; Matusz, P. Replaced right hepatic artery originated from the splenic artery, in association with a gastrosplenic trunk: A case report. *Rom. J. Morphol. Embryol.* **2020**, *61*, 1317–1322. <https://doi.org/10.47162/RJME.61.4.33>
20. Faur, A.C.; Lazăr, D.C.; **Ghenciu, L.A.** Artificial intelligence as a noninvasive tool for pancreatic cancer prediction and diagnosis. *World J. Gastroenterol.* **2023**, *29*, 1811–1823. <https://doi.org/10.3748/wjg.v29.i12.1811>
21. Toma, D.; **Ghenciu, L.A.**; Bedreag, O.H.; Băloi, A.; Gizea, C.A.; Rîtiu, S.A.; Stoicescu, E.R.; Bârsac, C.R.; Păpurică, M.; Rogobete, A.; et al. Digital Transformation in Critical Care: Implications for Quality of Care, Infection Control, and Clinical Outcomes. *J. Clin. Med.* 2025, *14*, 8964. <https://doi.org/10.3390/jcm14248964>
22. Ghenciu, D.M.; Dănilă, A.I.; Stoicescu, E.R.; Neagu, A.; **Ghenciu, L.A.** Tear Film Alterations in Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis. *Diagnostics* 2025, *15*, 3104. <https://doi.org/10.3390/diagnostics15243104>
23. 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>
24. 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>
25. **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>
26. **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>
27. 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>

## ARTICOLE 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. 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>
3. 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>
4. 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>
5. 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>
6. 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>
7. 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>
8. 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>
9. 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>
10. 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>
11. 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>
12. 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>
13. 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>
14. 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>
15. Lazarescu, A.E.; Hogeia, B.G.; Andor, B.C.; Totorean, A.; Cojocaru, D.G.; Negru, M.; **Bolintineanu, L.A.**; Patrascu, Jnr, J.M.; Misca, L.C.; Sandesc, M.A.; Patrascu, Snr, J.M. Using a double syringe sterile system for MSK aspiration/injection procedures eliminates the risk of iatrogenic infection. *Ther. Clin. Risk Manag.* **2022**, *18*, 575–583.

16. 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>
17. 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>
18. 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>
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.  
<https://doi.org/10.3390/life15030503>