



Curriculum Vitae Europass

Personal information

Name / Surname **Indre Mădălina-Gabriela**

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Nationality Romanian

Sex Feminin

ORCID 0009-0005-1457-0076

Web of Science Researcher ID HPH-3822-2023

Education and training

Period 1.10.2020 - present

Position or job title **PhD Student**

Name and address of employer Iuliu Hațieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania
Alma Mater Studiorum – University of Bologna, Bologna, Italy

Type of activity or sector of activity Co-tutelle Doctoral Degree (Double Doctoral Degree): Cluj-Napoca (RO) – Bologna (IT)
PhD in Medicine (RO) and Internal Medicine (MED/09) (IT)
Prot. no. 0201119 of 08/09/2022 - Contracts - Agreements 11029/2022
Supervisors: Prof. Lucia Maria Procopciuc (RO) and Prof. Fabio Piscaglia (IT)
Thesis title: Metabolic dysfunction-associated steatotic liver disease: non-invasive assessment of disease progression

Period 2013-2019

Position or job title **Medical Doctor (MD) - Degree and Master's**

Name and address of employer Iuliu Hațieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania

Type of activity or sector of activity Medical training, certificate number LM 0019294; degree obtained on September 30, 2020, in Romania and recognized by the Italian Ministry of Health on September 4, 2023, via decree, Fasciolo 2023/275.
Thesis title: The applicability of induced pluripotent stem cells in the treatment of degenerative neurological disorders
Supervisor: Prof. Dr. Carmen Mihaela Mihi; Final grade 9.78/10 (top 1%)

Period	2009-2013				
Position or job title	High school diploma				
Name and address of employer	"George Șincai" National College, Baia Mare, Romania (National High School "George Șincai", Baia Mare, Romania)				
Type of activity or sector of activity	Study program: Intensive Mathematics-Computer Science with English (Intensive Mathematics-Computer Science English); Final grade 9.65/10				
Personal skills and competencies					
Mother tongue	Romanian				
Foreign languages known					
	Understanding		Speaking		Writing
<i>European level (*)</i>	Listening	Reading	Participation in conversation	Oral speech	
English	C1	C1	C1	C1	C1
	LCCI, International Qualifications from EDI, Date 28 April 2012, Serial No. 20157308				
French	B1	B1	B1	B1	B1
	DELF, 2013				
Italian	Italian language proficiency exam - passed at the Order of Medical Doctors and Dentists of Bologna, IT – February 2024				
	(*) <i>Common European Framework of Reference for Languages</i>				
Other skills and competencies	<p>Project Manager – COR code 242101 (Project Manager - COR code 242101) – S.C. IDAS GROUP S.R.L, Romaniaș Certificate: L No. 00416352/19.12.2018; Final grade 10/10</p> <p>Training Instructor (Formator) – COR code 242401 (Trainer – COR code 242401) – EDUCONS, Romaniaș Certificate: K No. 00018619/06.05.2016; Final grade 10/10</p> <p>Expert in Public Procurement – COR code 214946 (Expert in Public Procurement – COR code 214946) – APSAP Training Center, Romaniaș Certificate: N No. 0041006/14.05.2021; Final grade 10/10</p> <p>Good Clinical Practice (GCP) Certificate – 12.07.2021; Global Health Training Centre Certificate: No. e18f2a44-9ba5-4033-bb65-f2e0521ccde7</p> <p>IATA Dangerous Goods Regulations Certificate 63rd Edition V22, May 1, 2022, Syneos Health</p> <p>Certificate "Protection of Personal Data - Training course for teachers, researchers, PhD students, research fellowships, and collaborators" - pursuant to Regulation (EU) 679/2016 (GDPR), April 22, 2024</p>				
Awards, Scholarships, Distinctions	Excellence scholarship for conducting doctoral studies abroad (Italy)				

	<p>In accordance with Government Decree H.G. No. 118/2023; Decreed by ministerial ordinance No. 5426 of 02.08.2023 (15,000 EUR) Entity: Ministry of Education, Romania Supervisor: Prof. Fabio Piscaglia, Italy</p> <p>European Association for the Study of the Liver (EASL) – Young Investigator Bursary – The EASL Congress, June 5-8, 2024, Milan, Italy – for the work "Diagnostic accuracy of two-dimensional shear wave elastography (2D-SWE) for non-invasive assessment of liver fibrosis in biopsy-proven metabolic dysfunction-associated steatotic liver disease (MASLD). Systematic review and multi-level random effects model meta-analysis."</p> <p>First Prize – Medicalis International Congress, May 10-13, 2018, Cluj-Napoca, Romania – Medical Sciences Section – for the work "Quality of Life Impairment in Cirrhotic Patients"</p> <p>Second Prize – POSDRU/160/2.1/S/139881 Project – Title "Professional Counseling for Medical Students and an Integrated Program of Practice in the Field of General and Dental Medicine," Cluj-Napoca, Romania</p> <p>Honorary Citizen of Cluj County, Romania – Resolution of the County Council, No. 228 of December 11, 2020 – for contributions in managing the COVID-19 pandemic</p>
<p>GRANT-type projects in the fields of research, medical infrastructure, public health, and professional training</p>	<p>Expert grant proposal writer, with a success rate of over 80% in crafting winning proposals. Expert in managing grant-type projects (Project Management Expert)</p> <p>Project Assistant - POCU 91/4/8/107919 Sonohepapevent - Strategic Program for Multidisciplinary Training (clinical and ultrasound) of medical personnel in the prevention and early diagnosis of chronic viral hepatitis B and C and their complications: liver cirrhosis and liver cancer Funding: Ministry of European Funds Period: 23.10.2018-14.02.2021 Total budget: 11,991,480.18 RON (2,763,013.86 EUR) Grant director: Dr. Horia Stefanescu, Romania, in collaboration with Prof. Fabio Piscaglia, Italy</p> <p>PhD Student - PN-III-P4-ID-PCE-2020-1091 - Endothelial Dysfunction in Non-Alcoholic Steatohepatitis: The Contribution of Platelets and Neutrophil Extracellular Traps in Disease Progression Funding: Ministry of Education and Scientific Research Period: 2021-2023 Total budget: 1,200,000 RON (243,508.3 EUR) Grant director: Associate Prof. Bogdan Procopet, Romania</p> <p>PhD Student - PN-III-P4-PCE-2021-1474 – Prognosis assessment of patients with NASH through ultrasonographic elastography associated with extracellular vesicle analysis Funding: Ministry of Education and Scientific Research Period: 2022-2024 Total budget: 1,199,641.00 RON (242,842.3 EUR) Grant director: Prof. Monica Lupsor-Platon, Romania</p> <p>PhD Student - PNRR-III-C9-2022 – I8 - Translational research targeting fibrosis regression, endothelial dysfunction reversal, and hepatocyte regeneration in advanced liver diseases - 3RE-VALID Funding: Ministry of Research, Development, and Innovation</p>

	<p>Period: 2023-2024 Total budget: 7,000,000 RON (1,417,000.00 EUR) Grant director: Prof. Jaime Bosch, in collaboration with Romania – Spain</p> <p>Coordinator of activities – SEE AP1.06 HE-RO-I – Collaborative state-of-the-art project Romania-Iceland in the management of chronic liver diseases and their complications, liver cirrhosis, and liver cancer, targeting vulnerable groups in Romania, including Roma Funding: Ministry of Health Period: 27.10.2022 – 15.04.2024 Total budget: 4,941,086.27 RON (1,000,219.9 EUR) Grant director: Dr. Horia Stefanescu, in collaboration with Romania-Iceland, Prof. Einar S. Björnsson</p> <p>Scientific director – SEE SG2.30 MELVIN - Collaborative project for the assessment and awareness of the impact of metabolic and hepatic conditions on the overall health status among the adult and pediatric population with a high degree of vulnerability, including Roma Funding: Ministry of Health Period: 27.01.2023-15.04.2024 Total budget: 979,961.40 RON (198,372.8 EUR) Grant director: Dr. Bobe Petrushev, in collaboration with Romania-Iceland, Prof. Einar S. Björnsson</p> <p>Project Manager - StartO2 - Oxygen therapy for symptomatic patients confirmed with COVID-19 infection Funding: StartONG Kaufland Romania Period: April 25 - September 25, 2020 Total budget: 4,738 RON (991.2 EUR)</p> <p>Project Manager - KFDSC_2020_01 - SARS-CoV-2 ToolBox - Support Program for Community Healthcare, specifically targeting the vulnerable population served in the context of the SARS-CoV-2 pandemic Funding: Civil Society of Development Foundation, Well-Being Program Period: May 27, 2020 - September 26, 2020 Total budget: 145,196 RON (30,249 EUR)</p> <p>Volunteer - Protect(ion) Club - Protective equipment for medical and auxiliary staff in Cluj-Napoca Funder: StartONG Kaufland Romania Period: May 25 - September 25, 2020 Total budget: 11,917 RON (2,483 EUR)</p>
<p>Book chapters</p>	<ul style="list-style-type: none"> ● Sebastian Müller, Markus Heilig. Alcohol and Alcohol-Related Diseases (2023). Chapter: Andreea Bumbu, Andreea Fodor, Andra Nicoara, Madalina Taru, Vlad Taru, Horia Stefanescu. The interdisciplinary approach to AUD: what a hepatologist can do in a resource-limited setting. Springer, 2022. ● Orășan OH, Orășan RA, Alexescu TG, Buchman C, Cibu B, Indre MG, et al. Liver Fibrosis in Chronic Viral B and C Hepatopathies. Particularities in Chronic Kidney Disease. Cluj-Napoca: Casa Cărții de Știință; 2020.

	<ul style="list-style-type: none"> Orasan O, Catinean A, Indre MG, Coste SC, Sitar Taut AV, Tarmure S, et al. Ileal stenosing Crohn's disease associated with ankylosing spondylitis. Clinical cases. Medical and surgical presentations. Volume XI (pp. 108-122) Publisher: Bioflux, Cluj-Napoca, 2020.
Memberships in Medical and Scientific Societies	<ul style="list-style-type: none"> European Association for the Study of the Liver (EASL) – 2019 – present Associazione Italiana Studio Fegato (AISF) – 2024 – present AISF Special Interest Group (SIG) – Gender in Hepatology – 2024 – present European Federation of Societies for Ultrasound in Medicine and Biology (EFSUMB) – 2024 – present
Clinical Trials	ESSENCE: Phase 3 RCT (IMP: Semaglutide), Sponsor: Novo Nordisk, 2022 (Cluj-Napoca, Romania)
Diving licence	B
Articles published in full text	<ol style="list-style-type: none"> Taru MG, Leucuta DC, Lupsor-Platon M, Turco L, Ferri S, Hashim A, Orasan OH, Procopet B, Stefanescu H, Morelli MC, Piscaglia F. Diagnostic accuracy of 2D-SWE ultrasound for liver fibrosis assessment in MASLD: A multi-level random effects model meta-analysis. <i>Hepatology</i>.:10-97. DOI: 10.1097/HEP.0000000000001190 Turco L*, Taru MG*, Vitale G, Stefanescu H, Cappa FM, Berardi S, Baldan A, Di Donato R, Pianta P, Vittoria VE, Vizioli L. B-Blockers Lower First Decompensation In Patients With Cirrhosis And Enduring Portal Hypertension After Etiological Treatment. <i>Clinical Gastroenterology and Hepatology</i>. 2024 Aug 30. DOI: https://doi.org/10.1016/j.cgh.2024.08.012 Cozma A, Sitar-Tăuț AV, Orășan OH, Briciu V, Leucuța D, Sporiș ND, Lazăr AL, Mălinescu TV, Ganea AM, Sporiș BM, Vlad CV, Taru MG, et al. VEGF Polymorphisms (VEGF-936 C/T, VEGF-634 G/C and VEGF-2578 C/A) and Cardiovascular Implications in Long COVID Patients. <i>International Journal of Molecular Sciences</i>. 2024 Aug 8;25(16):8667. DOI: https://doi.org/10.3390/ijms25168667 Paternostro, R., Kwanten, W. J., Hofer, B. S., Semmler, G., Bagdadi, A., Luzko, I., Hernández-Gea, V., Graupera, I., García-Pagán, J. C., Saltini, D., Indulti, F., Schepis, F., Moga, L., Rautou, P.-E., Llop, E., Téllez, L., Albillos, A., Fortea, J. I., Puente, A., Tosetti, G., Primignani, M., Zipprich, A., Vuille-Lessard, E., Berzigotti, A., Taru, M.-G., Taru, V., Procopet, B., Jansen, C., Praktiknjo, M., Gu, W., Trebicka, J., Ibanez-Samaniego, L., Bañares, R., Rivera-Esteban, J., Pericas, J. M., Genesca, J., Alvarado, E., Villanueva, C., Larrue, H., Bureau, C., Laleman, W., Ardevol, A., Masnou, H., Vanwolleghem, T., Trauner, M., Mandorfer, M., Francque, S., Reiberger, T., a study by the Baveno Cooperation: an EASL consortium. (2024). Hepatic venous pressure gradient predicts risk of hepatic decompensation and liver-related mortality in patients with MASLD. <i>Journal of Hepatology</i>. Published: May 30, 2024. DOI: https://doi.org/10.1016/j.jhep.2024.05.033 Taru MG, Tefas C, Neamti L, Minciuna I, Taru V, Maniu A, Rusu I, Petrushev B, Procopciuc LM, Leucuta DC, Procopet B. FAST and Agile—the MASLD drift: Validation of Agile 3+, Agile 4 and FAST scores in 246 biopsy-proven NAFLD patients meeting MASLD criteria of prevalent caucasian origin. <i>PloS one</i>. 2024 May 23;19(5):e0303971. DOI: https://doi.org/10.1371/journal.pone.0303971 Taru MG, Neamti L, Taru V, Procopciuc LM, Procopet B, Lupsor-Platon M. How to Identify Advanced Fibrosis in Adult Patients with Non-Alcoholic Fatty Liver Disease (NAFLD) and Non-Alcoholic Steatohepatitis (NASH) Using Ultrasound

Elastography—A Review of the Literature and Proposed Multistep Approach. *Diagnostics*. 2023 Feb 19;13(4):788. DOI: <https://doi.org/10.3390/diagnostics13040788>

7. **Taru MG**, Lupsor-Platon M. Exploring Opportunities to Enhance the Screening and Surveillance of Hepatocellular Carcinoma in Non-Alcoholic Fatty Liver Disease (NAFLD) through Risk Stratification Algorithms Incorporating Ultrasound Elastography. *Cancers*. 2023 Aug 14;15(16):4097. DOI: <https://doi.org/10.3390/cancers15164097>

8. Minciuna I, **Taru M**, Fodor A, Farcau ON, Fischer P, Radu C, Lupsor-Platon M, Stefanescu H, Procopet B. Multiparametric ultrasound evaluation of liver fibrosis, steatosis, and viscosity in patients with chronic liver disease. *Medical Ultrasonography*. 2024 Jun 21;26(2):117-24. DOI: <http://dx.doi.org/10.11152/mu-4327>

9. Minciuna I, **Taru MG**, Fodor A, Nicoara Farcau O, Fischer P, Radu C et al. Multiparametric ultrasound evaluation of liver fibrosis, steatosis, and viscosity in patients with chronic liver disease. *Medical Ultrasonography*. 2024 Feb 7. Ahead of print. DOI: <https://doi.org/10.11152/mu-4327>

10. Taru V, **Indre MG**, Ignat MD, Forgione A, Racz T, Olar BA, Farcau O, Chereches R, Stefanescu H, Procopet B. Validation and Performance of Chronic Liver Disease Questionnaire (CLDQ-RO) in the Romanian Population. *J Gastrointest Liver Dis*. 2021 Jun;30(2):240-6. DOI: <https://doi.org/10.15403/jgld-3405>

11. Gîvan I, Ciulei G, Cozma A, **Indre MG**, Țăru V, Pop A, Tăut AS, Țărmure S, Negrean V, Orășan OH. Neuroendocrine carcinoma of the breast: a case report. *Journal of Mind and Medical Sciences*. 2021;8(2):306-11. DOI: <https://doi.org/10.22543/7674.82.P306311>

12. **Indre MG**, Sampelean D, Taru V, Cozma A, Sampelean D, Milaciu MV, Orasan OH. Non-dental oral cavity findings in gastroesophageal reflux disease: a systematic review and meta-analysis. *Journal of Mind and Medical Sciences*. 2021;8(1):60-70. DOI: <https://doi.org/10.22543/7674.81.P6070>

Abstracts

1. **Taru MG**, Leucuta DC, Ferri S, Hashim A, Orasan O, Procopet B et al. Diagnostic accuracy of two-dimensional shear wave elastography (2D-SWE) for non-invasive assessment of liver fibrosis in biopsy-proven metabolic dysfunction-associated steatotic liver disease (MASLD). Systematic-review and multi-level random effects model meta-analysis. EASL Congress 2024. Milan, Italy. 5-8 June 2024 – poster, **YI award**
2. **Taru MG**, Tefas C, Neamti L, Minciuna I, Taru V, Maniu A et al. FAST and Agile – the MASLD Drift: validation of Agile 3+, Agile 4 and FAST scores in 246 biopsy-proven MASLD patients of prevalent caucasian origin. EASL Congress 2024. Milan, Italy. 5-8 June 2024 – poster
3. **Taru MG**, Taru V, Minciuna I, Petrushev B, Rusu I, Fischer P et al. The controlled attenuation parameter has limited value in assessing the degree of steatosis in different stages of compensated chronic liver disease. EASL NAFLD SUMMIT. Dublin, Ireland. 15-17 September 2022 – poster
4. **Taru MG**, Leucuta DC, Neamti L, Maniu A, Taru V, Petrushev B, Rusu I, Tefas C, Fischer P, Terec AI, Procopciuc LM. Diagnostic Accuracy Of Vcte And 2d-Swe In Biopsyproven Nafld And Performance Of Two-Step Approaches To Predict Advanced Fibrosis. In HEPATOLOGY 2023 Oct 1 (Vol. 78, pp. S791-S792). TWO COMMERCE SQ, 2001 MARKET ST, PHILADELPHIA, PA 19103 USA: LIPPINCOTT WILLIAMS & WILKINS. The Liver Meeting. Boston, Massachusetts. 10-14 November 2023 – poster
5. Turco L, **Taru MG**, Vitale G, Cappa FM, Berardi S, Baldan A, Di Donato R, Pianta P, Vero V, Vizioli L, Morelli MC. Non-selective beta-blockers lower the risk of first decompensation in patients with cirrhosis and enduring clinically significant portal hypertension after etiological treatment. Digestive and Liver Disease. 2024 Feb 1;56:S2. Rome, Italy. 14-15 March 2024 – oral presentation
6. Taru V, **Taru MG**, Petrushev B, Ioana R, Stefanescu H, Fodor A, Ignat MD, Petra F, Nicoara-Farcau O, Platon M, Procopet B. Recently validated non-invasive tests for liver fibrosis assessment have great performance in identifying NASH patients at risk for decompensation. Journal of Hepatology. 2023 Jun 1;78:S295-6. Viena, Austria. 21-24 June 2023 – poster
7. Ignat M, Horhat A, Barb A, Dragomir I, Fodor A, Petra F, Nicoara-Farcau O, **Gabriela IM**, Taru V, Radu C, Procopet B. When is the optimal time to collect baseline data for calculating the Lille score in severe alcoholic hepatitis?. Journal of Hepatology. 2023 Jun 1;78:S151. Viena, Austria. 21-24 June 2023 – poster
8. Paternostro R, Kwanten WJ, Hofer BS, Semmler G, Bagdadi A, Luzko I, Hernandez-Gea V, Graupera I, **M Taru** Saltini D, Indulti F. Natural history of patients with NAFLD-associated compensated advanced chronic liver disease stratified according to severity of portal hypertension. Zeitschrift für Gastroenterologie. 2023 May;61(05):P31 – poster
9. Minciuna I, **Taru M**, Farcau ON, Platon-Lupsor M, Stefanescu H, Procopet B. MULTIPARAMETRIC ULTRASOUND EVALUATION OF LIVER FIBROSIS, STEATOSIS AND VISCOSITY IN PATIENTS WITH CHRONIC LIVER DISEASE. Ultrasound in Medicine and Biology. 2022 Jan 1;48:S16. Timisoara, Romania. 25-28 May 2022 – oral presentation
10. Cozma A, Terec IA, **Taru MG**, Orasan O, Procopciuc LM. Correlation between metabolic-associated fatty liver disease and cardiovascular pathology: Insights from arterial stiffness, cardiac dysfunction and atherosclerosis. Bonn, Germany. 5-7 October 2023 – poster
11. Olar B, **Indre MG**, Taru V, Stefanescu H, Matei D, Sparchez Z, Procopet B. Portal hypertension is not associated with the presence of minimal hepatic encephalopathy. J Gastrointestin Liver Dis. 2021 May; 30 S1:EP96. Romanian National Congress of Gastroenterology, Hepatology and Digestive Endoscopy 2021 – poster

12. Taru V, Ignat M, **Indre MG**, Olar B, Racz T, Stefanescu H, Matei D, Sparchez Z, Procopet B. Between rapid diagnosis and prediction of survival in minimal hepatic encephalopathy. *Journal of Hepatology*. 2020 Aug 1;73:S767. EASL Congress 2020 – poster
13. Țăru V, Ignat M, **Indre M**, Forgione A, Farcău O, Fischer P, Ștefănescu H, Spârchez Z, Tanțău M, Procopet B. Minimal Hepatic Encephalopathy: proper diagnosis for better quality of life. *alcohol*. 2019 Apr 1;13:19. EASL Congress 2019 – poster
14. Taru V, Ignat M, **Indre M**, Olar B, Racz T, Nicoara-Farcău O, Sparchez Z, Tantau M, Stefanescu H, Procopet B. Quality of life impairment in Romanian patients with chronic liver disease. *J Gastrointestin Liver Dis*. 2019 Jun; 28 S2:PP80. Romanian National Congress of Gastroenterology, Hepatology and Digestive Endoscopy 2019 – poster
15. Fischer P, Grigoras C, Bugariu A, Farcău O, Benea A, Stefanescu H, **Gabriela IM**, Pascalau S, Matei D, Ionescu D, Tantau M. Presepsin, C reactive protein and procalcitonin have similar accuracy for bacterial infection and sepsis in decompensated cirrhosis. *Journal of Hepatology*. 2018 Apr 1;68:S747-8. EASL Congress 2018 – poster
16. **Indre M**, Taru V, Forgione A, Farcău O, Stefanescu H, Sparchez Z, Tantau M, Procopet B. Critical Flicker Frequency and Stroop Test in diagnosing Minimal Hepatic Encephalopathy. *J Gastrointestin Liver Dis*. 2018; 27 S2:38-39. Romanian National Congress of Gastroenterology, Hepatology and Digestive Endoscopy 2018 - poster
17. **Madalina Gabriela Indre**, Carmen Mihaela Mihu. Medicalis International Congress for Students and Young Health Professionals, Cluj-Napoca, Romania - Novel Advances in The Treatment of Neurodegenerative Diseases: Induced Pluripotent Stem Cells – oral presentation
18. Ignat Mina Dana, Vlad Taru, **Madalina Indre**, Antonella Forgione, Oana Farcău, Horia Stefanescu, Bogdan Procopet. in4Med VIIIth edition, Coimbra, Portugal - STROOP test in diagnosing Minimal Hepatic Encephalopathy – poster
19. Vlad Taru, **Madalina Gabriela Indre**, Mina Dana Ignat, Antonella Forgione, Horia Stefanescu, Bogdan Procopet. International Student Congress, Graz, Austria - Towards a Proper Diagnosis in Minimal Hepatic Encephalopathy – oral presentation
20. Alina Bianca Olar, Vlad Taru, Mina Dana Ignat, **Madalina Gabriela Indre**, Horia Stefanescu, Bogdan Procopet. Medicalis International Congress for Students and Young Health Professionals, Cluj-Napoca, Romania - May Hepatic Venous Pressure Gradient Predict the Occurrence of Minimal Hepatic Encephalopathy? – oral presentation
21. **Madalina Gabriela Indre**, Vlad Taru, Antonella Forgione, Bogdan Procopet, Horia Stefanescu. Medicalis International Congress for Students and Young Health Professionals, ClujNapoca, Romania - Quality of Life Impairment in Cirrhotic Patients – oral presentation

Cluj-Napoca, Romania
 Bologna, Italy
 28.01.2025

Indre Mădălina-Gabriela