

## INFORMAȚII PERSONALE

## ROXANA STOICESCU (IACOB)



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Sex F | Data nașterii 29/09/1995 | Naționalitate Română

## EXPERIENȚĂ PROFESIONALĂ

- 01.01.2021 – prezent **Medic Rezident – Radiologie și Imagistică Medicală**  
Spitalul Clinic de Boli Infecțioase și Pneumoftiziologie Dr. Victor Babeș Timișoara
- 01.10.2021 - prezent **Student doctorand**  
Universitatea de Medicină și Farmacie Victor Babeș Timișoara
- 01.02.2023 – prezent **Asistent universitar – Disciplina de Anatomie și Embriologie**  
Universitatea de Medicină și Farmacie Victor Babeș Timișoara
- 01.10.2023 – prezent **Masterand - Metode și tehnici statistice în sănătate și în cercetarea clinică**  
Universitatea Politehnica Timișoara

## EDUCAȚIE ȘI FORMARE

- 2014-2020 **Facultatea de Medicină, Universitatea de Medicină și Farmacie Victor Babeș Timișoara**
- 2017-2018 **Erasmus + Mobility – Julius Maximilians Universitat Wurzburg, Germany**

## COMPETENȚE PERSONALE

Limba maternă Română

Alte limbi

Engleză

Germană

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1
Cambridge Certificate in Advanced English				
B2	B2	B2	B2	B2

Competențe - computer

- Microsoft Office,
- Internet,
- MedCalc
- Social media

## PUBICAȚII

1. COVID-19 in Infants and Children under 2 Years—Could Lung Ultrasound Score Be Correlated with Biomarkers and Symptoms?

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>

Link <https://www.mdpi.com/2227-9059/11/10/2620>

2. Could Biparametric MRI Replace Multiparametric MRI in the Management of Prostate Cancer? – 2023

Iacob, R.; Stoicescu, E.-R.; Cerbu, S.; Manolescu, D.-L.; Bardan, R.; Cumpănaș, A. Could Biparametric MRI Replace Multiparametric MRI in the Management of Prostate Cancer? *Life* 2023, 13, 465. F.I. 3.253 <https://doi.org/10.3390/life13020465>

Link <https://www.mdpi.com/2075-1729/13/2/465>

3. Breast Cancer—How Can Imaging Help?

Iacob, R.; Manolescu, D.L.; Stoicescu, E.R.; Fabian, A.; Malita, D.; Oancea, C. Breast Cancer—How Can Imaging Help? *Healthcare* 2022, 10, 1159. <https://doi.org/10.3390/healthcare10071159> - F.I. 3.160

Link <https://www.mdpi.com/2227-9032/10/7/1159>

4. Could Ultrasound Be Used as a Triage Tool in Diagnosing Fractures in Children? A Literature Review

Iacob, R.; Stoicescu, E.R.; Cerbu, S.; Iacob, D.; Amaricai, E.; Catan, L.; Belei, O.; Iacob, E.R. Could Ultrasound Be Used as a Triage Tool in Diagnosing Fractures in Children? A Literature Review. *Healthcare* 2022, 10, 823. <https://doi.org/10.3390/healthcare10050823> - F.I. 3.160

Link <https://www.mdpi.com/2227-9032/10/5/823>

5. Is Lung Ultrasound Helpful in COVID-19 Neonates?—A Systematic Review

Stoicescu, E.R.; Ciuca, I.M.; Iacob, R.; Iacob, E.R.; Marc, M.S.; Birsasteanu, F.; Manolescu, D.L.; Iacob, D. Is Lung Ultrasound Helpful in COVID-19 Neonates?—A Systematic Review. *Diagnostics* 2021, 11, 2296. <https://doi.org/10.3390/diagnostics11122296> - F.I. 3.992

Link <https://www.mdpi.com/2075-4418/11/12/2296/htm>

6. The Assessment of COVID-19 Pneumonia in Neonates: Observed by Lung Ultrasound Technique and Correlated with Biomarkers and Symptoms – 2022

Stoicescu, E.R.; Manolescu, D.L.; Iacob, R.; Cerbu, S.; Dima, M.; Iacob, E.R.; Ciuca, I.M.; Oancea, C.; Iacob, D. The Assessment of COVID-19 Pneumonia in Neonates: Observed by Lung Ultrasound Technique and Correlated with Biomarkers and Symptoms. *J. Clin. Med.* 2022, 11, 3555. <https://doi.org/10.3390/jcm11123555> - F.I. 4.964

Link <https://www.mdpi.com/2077-0383/11/12/3555>

7. Lung Ultrasound in Neonates with COVID-19 Pneumonia – The Start of a New Era – 2022

Emil - Robert Stoicescu, Daniela Iacob, Roxana Iacob, Simona Cerbu, Emil-Radu Iacob, Diana Manolescu - LUNG ULTRASOUND IN NEONATES WITH COVID-19 PNEUMONIA – THE START

OF A NEW ERA, Ultrasound in

Medicine & Biology, Volume 48, Supplement 1, 2022, Page S41, ISSN 0301-5629, <https://doi.org/10.1016/j.ultrasmedbio.2022.04.121>.

Abstract prezentare

Link <https://www.sciencedirect.com/science/article/pii/S0301562922002691>

8. Risk Factors Associated with Retinopathy of Prematurity in Very and Extremely Preterm Infants – 2021

Borțea, C.I.; Stoica, F.; Boia, M.; Iacob, E.R.; Dinu, M.; Iacob, R.; Iacob, D. Risk Factors Associated with Retinopathy of Prematurity in Very and Extremely Preterm Infants. *Medicina* 2021, 57, 420. F.I. 2.948 <https://doi.org/10.3390/medicina57050420>

Link <https://www.mdpi.com/1648-9144/57/5/420>

9. Bolintineanu Ghenciu LA, Bolintineanu SL, **Iacob R**, Stoicescu ER, Zahoi DE. Hepatic arterial variations detected at multidetector computer tomography angiography in the Romanian population. *Folia Morphol (Warsz)*. Published online July 31, 2023. doi:10.5603/FM.a2023.0050 F.I.

10. Luminioara M Rosu, Cătălin Prodan-Bărbulescu, Anca Laura Maghiari, Elena S Bernad, Robert L Bernad, **Roxana Iacob**, Emil Robert Stoicescu, Florina Borozan, Laura Andreea Ghenciu. Current Trends in Diagnosis and Treatment Approach of Diabetic Retinopathy during Pregnancy: A Narrative Review. *Diagnostics (Basel)*. 2024 Feb 8;14(4):369. doi: 10.3390/diagnostics14040369 .

11. Emil Robert Stoicescu, **Roxana Iacob**, Emil Radu Iacob, Laura Andreea Ghenciu, Cristian Oancea, Diana Luminita Manolescu. Tiny Lungs, Big Differences: Navigating the Varied COVID-19 Landscape in Neonates vs. Infants via Biomarkers and Lung Ultrasound. *Biomedicines*. 2024 Feb 13;12(2):425. doi: 10.3390/biomedicines12020425.

12. Emil Robert Stoicescu, **Roxana Iacob**, Adrian Cosmin Ilie, Emil Radu Iacob, Septimiu Radu Susa, Laura Andreea Ghenciu, Amalia Constantinescu, Daiana Marina Cocolea, Andreea Ciornei-Hoffman, Cristian Oancea, Diana Luminita Manolescu. Stratifying Disease Severity in Pediatric COVID-19: A Correlative Study of Serum Biomarkers and Lung Ultrasound-A Retrospective Observational Dual-Center Study. *Diagnostics (Basel)*. 2024 Feb 17;14(4):440. doi: 10.3390/diagnostics14040440.

13. Emil Radu Iacob, **Roxana Iacob**, Laura Andreea Ghenciu, Tudor-Alexandru Popoiu, Emil Robert Stoicescu, Calin Marius Popoiu. Small Scale, High Precision: Robotic Surgery in Neonatal and Pediatric Patients-A Narrative Review. *Children (Basel)*. 2024 Feb 21;11(3):270. doi: 10.3390/children11030270.

14. Emil Robert Stoicescu, **Roxana Iacob**, Adrian Cosmin Ilie, Emil Radu Iacob, Septimiu Radu Susa, Laura Andreea Ghenciu, Amalia Constantinescu, Daiana Marina Cocolea, Cristian Oancea, Diana Luminita Manolescu. Differentiating Viral from Bacterial Pneumonia in Children: The Diagnostic Role of Lung Ultrasound-A Prospective Observational Study. *Diagnostics (Basel)*. 2024 Feb 23;14(5):480. doi: 10.3390/diagnostics14050480.

15. **Roxana Iacob**, Emil Radu Iacob, Emil Robert Stoicescu, Delius Mario Ghenciu, Daiana Marina Cocolea, Amalia Constantinescu, Laura Andreea Ghenciu, Diana Luminita Manolescu. Evaluating the Role of Breast Ultrasound in Early Detection of Breast Cancer in Low- and Middle-Income Countries: A Comprehensive Narrative Review. *Bioengineering (Basel)*. 2024 Mar 7;11(3):262. doi: 10.3390/bioengineering11030262.

16. Alexandra-Ioana Dănilă, Laura Andreea Ghenciu, Emil Robert Stoicescu, Sorin Lucian Bolintineanu, **Roxana Iacob**, Mihai-Alexandru Săndesc, Alexandra Corina Faur. Aldose Reductase as a Key Target in the Prevention and Treatment of Diabetic Retinopathy: A Comprehensive Review. *Biomedicines*. 2024 Mar 27;12(4):747. doi: 10.3390/biomedicines12040747.

17. Laura Andreea Ghenciu, Ovidiu Alin Hațegan, Sorin Lucian Bolintineanu, Alexandra-Ioana Dănilă, Alexandra Corina Faur, Cătălin Prodan-Bărbulescu, Emil Robert Stoicescu, **Roxana Iacob**, Alina Maria Șîșu. Immune-Mediated Ocular Surface Disease in Diabetes Mellitus-Clinical Perspectives and Treatment: A Narrative Review. *Biomedicines*. 2024 Jun 12;12(6):1303. doi: 10.3390/biomedicines12061303.
18. Ghenciu, Laura Andreea, Ovidiu Alin Hațegan, Sorin Lucian Bolintineanu, Alexandra-Ioana Dănilă, **Roxana Iacob**, Emil Robert Stoicescu, Maria Alina Lupu, and Tudor Rareș Olariu. 2024. "Human Ocular Toxoplasmosis in Romania: History, Epidemiology, and Public Health: A Narrative Review" *Microorganisms* 12, no. 8: 1541. <https://doi.org/10.3390/microorganisms12081541>
19. Munteanu, Krisztina, Ovidiu Ghirlea, Daniel Breban-Schwarzkopf, Alexandra-Ioana Dănilă, **Roxana-Georgeta Iacob**, Ioan Adrian Petrache, Gabriel Veniamin Cozma, Anca Bordianu, and Sorin Lucian Bolintineanu. 2024. "The Great Saphenous Vein Proximal Part: Branches, Anatomical Variations, and Their Implications for Clinical Practice and Venous Reflux Surgery" *Journal of Cardiovascular Development and Disease* 11, no. 8: 242. <https://doi.org/10.3390/jcdd11080242>
20. Ghenciu, Laura Andreea, Ovidiu Alin Hațegan, Emil Robert Stoicescu, **Roxana Iacob**, and Alina Maria Șîșu. 2024. "Emerging Therapeutic Approaches and Genetic Insights in Stargardt Disease: A Comprehensive Review" *International Journal of Molecular Sciences* 25, no. 16: 8859. <https://doi.org/10.3390/ijms25168859>
21. Ghenciu, Laura Andreea, Alina Maria Șîșu, Emil Robert Stoicescu, Alexandra-Ioana Dănilă, **Roxana Iacob**, Mihai-Alexandru Săndesc, and Ovidiu Alin Hațegan. 2024. "Thyroid Eye Disease and Glaucoma: A Cross-Sectional Study Comparing Clinical Characteristics and Disease Severity" *Medicina* 60, no. 9: 1430. <https://doi.org/10.3390/medicina60091430>
22. Faur, Alexandra Corina, Alina Maria Șîșu, Laura Andreea Ghenciu, **Roxana Iacob**, Emil Robert Stoicescu, Ovidiu Alin Hațegan, and Mărioara Cornianu. 2024. "Clinical and Morphological Aspects of Aggressive Salivary Gland Mixed Tumors: A Narrative Review" *Diagnostics* 14, no. 17: 1942. <https://doi.org/10.3390/diagnostics14171942>
23. Ghenciu, Laura Andreea, Mirabela Dima, Emil Robert Stoicescu, **Roxana Iacob**, Casiana Boru, and Ovidiu Alin Hațegan. 2024. "Retinal Imaging-Based Oculomics: Artificial Intelligence as a Tool in the Diagnosis of Cardiovascular and Metabolic Diseases" *Biomedicines* 12, no. 9: 2150. <https://doi.org/10.3390/biomedicines12092150>
24. Roșu, Cristian Dan, Melania Lavinia Bratu, Emil Robert Stoicescu, **Roxana Iacob**, Ovidiu Alin Hațegan, Laura Andreea Ghenciu, and Sorin Lucian Bolintineanu. 2024. "Cardiovascular Risk Factors as Independent Predictors of Diabetic Retinopathy in Type II Diabetes Mellitus: The Development of a Predictive Model" *Medicina* 60, no. 10: 1617. <https://doi.org/10.3390/medicina60101617>
25. **Iacob, Roxana**, Diana Manolescu, Emil Robert Stoicescu, Simona Cerbu, Răzvan Bardan, Laura Andreea Ghenciu, and Alin Cumpănaș. 2024. "The Diagnostic Value of bpMRI in Prostate Cancer: Benefits and Limitations Compared to mpMRI" *Bioengineering* 11, no. 10: 1006. <https://doi.org/10.3390/bioengineering11101006>
26. Șîșu, Alina Maria, Emil Robert Stoicescu, Sorin Lucian Bolintineanu, Alexandra Corina Faur, **Roxana Iacob**, Delius Mario Ghenciu, Alexandra-Ioana Dănilă, and Ovidiu Alin Hațegan. 2024. "Blending Tradition and Innovation: Student Opinions on Modern Anatomy Education" *Education Sciences* 14, no. 11: 1150. <https://doi.org/10.3390/educsci14111150>
27. Stoicescu, Emil Robert, Laura Andreea Ghenciu, **Roxana Iacob**, Adina Iuliana Ardelean,

Ecaterina Dăescu, Ovidiu Alin Hațegan, Diana Manolescu, Emanuela Tudorache, Casiana Boru, and Mirabela Dima. 2024. "CMV Retinitis in the Context of SARS-CoV-2 Infection: A Case Study and Comprehensive Review of Viral Interactions" *Pathogens* 13, no. 11: 938. <https://doi.org/10.3390/pathogens13110938>

28. Constantinescu, Amalia, Emil Robert Stoicescu, Roxana Iacob, Cosmin Alexandru Chira, Daiana Marina Cocolea, Alin Ciprian Nicola, Roxana Mladin, Cristian Oancea, and Diana Manolescu. 2024. "CT-Guided Transthoracic Core-Needle Biopsy of Pulmonary Nodules: Current Practices, Efficacy, and Safety Considerations" *Journal of Clinical Medicine* 13, no. 23: 7330. <https://doi.org/10.3390/jcm13237330>

29. 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>

30. Roșu, C.D.; Bolintineanu, S.L.; Căpăstraru, B.F.; Iacob, R.; Stoicescu, E.R.; Petrea, C.E. Risk Factor Analysis in Vascular Access Complications for Hemodialysis Patients. *Diagnostics* **2025**, 15, 88. <https://doi.org/10.3390/diagnostics15010088>

31. 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>

**32. 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>**

### **Conferințe & workshop-uri**

1. International Surgery Summer School - Basic Surgical Skills 2nd edition 18-31 iulie 2016 - organizator;
2. The First Edition of " Malpraxis" Conference in Timisoara, 2016 ( voluntar în organizare );
3. Cardiocare National Congress, may 2016 - organiser.
4. Periodic Breast Cancer and the Importance of Screening Conference, 2021;
5. Summer School of Radiology and Medical Imaging, 2021;
6. National Congress of Radiology and Medical Imaging, 1st-3rd October 2021 – active participation, poster presentation;
7. European Congress of Radiology ECR 2022 2-6 March - active participation, poster presentation;
8. Conference – Modern woman and sleep problems as a multidisciplinary context 20th May 2022 – invited speaker;
9. National OncoHelp Congress July 2022 – invited speaker.
10. Summer School of Radiology 2022.
11. National Congress of Magnetic Resonance in Romania 2022, June - active participation, poster presentation;
12. European Congress of Radiology ECR 2022 13-17 July - active participation, poster presentation;
13. National Congress of Radiology and Medical Imaging September 2022 – active participation, poster presentation;
14. PneumoPed Symposium Timișoara and National Congress of Cystic Fibrosis 2022 (19-22.10.2022) – active participation, poster.
15. National Conference of Breast Imaging (18-19.11.2022) – invited speaker.
16. Summer School of Radiology and Medical Imaging 2023.
17. National Congress of Radiology and Medical Imaging, September 2023 – active participation,

poster presentation.

18. European Congress of Radiology ECR 2024, March 2024, Vienna - active participation, poster presentation.

19. National Congress of Radiology and Medical Imaging, September 2024 – active participation, poster presentation.

15.09.2025