

CURRICULUM VITAE



PERSONAL INFORMATION

NAME GROSU IULIA-DANA
E-mail grosu.iulia@umft.ro
Nationality ROMANA
Date of Birth 12.07.1988

PROFESSIONAL EXPERIENCE

18.10.2022- PRESENT

Senior Consultant Nephrology – Nephrology Clinic” C. Zosin”, ”Pius Branzeu” Emergency County Hospital, Timisoara

16.08.2019- 17.10.2022

Nephrology Specialist – Nephrology Clinic ”C. Zosin”, ”Pius Branzeu” Emergency County Hospital, Timisoara

01.12.2021-PRESENT

Senior Consultant Nephrology – Arterra Clinic, Timisoara

01.10.2017- PRESENT

Assistant Professor
Department of Internal Medicine, Nephrology Discipline, ”Victor Babes” University of Medicine and Pharmacy Timisoara

01.12.2016- PRESENT

Senior Consultant Nephrology
B Braun Avitum Romania Dialysis Centers

EDUCATION AND TRAINING

01.01.2013- 31.12.2016

Nephrology Resident - Clinica de Nefrologie "C.Zosin"
 Nephrology Clinic "C. Zosin", "Pius Branzeu" Emergency County Hospital, Timisoara
 Specialty exam: 10-11.11.2016

01.12.2015-01.06.2016

Clinica Research Fellow ERA-EDTA - Clinical Fellow in Nephrology Salford Royal Foundation Trust, Marea Britanie

01.10.2014-11.07.2018

PhD student
 "Victor Babes" University of Medicine and Pharmacy Timisoara
 PhD thesis defended on 11.07.2018 : The value of US-based elastography in renal assessment, coordinated by Prof. Dr. Sporea Ioan

01.10.2006-01.10.2012

"Victor Babes" University of Medicine and Pharmacy Timisoara
 Medical License - 2012

01.03.2011-01.08.2011

ERASMUS MOBILITY PROGRAMME - Universita degli Studi di Bari "Aldo Moro"

15.09.2002-15.09.2006

"William Shakespeare" Theoretical Highschool, Timisoara,
 Mathematics-informatics, Bilingual English Profile

CME COURSES ATTENDED

1. "Frontiers in Nephrology", sept 2013, Timisoara
2. Renal Failure Academy may 2014, Bucuresti
3. Budapest Nephrology School 26-31 august 2014, Budapesta
4. Euroson School of Contrast Enhanced Ultrasound and Elastography sept 2014, Timisoara
5. Renal Failure Academy may 2015, Sinaia, Romania
6. Renal Biopsy Course may 2016, Preston, UK
7. Renal Failure Academy, sept 2016, Timisoara
8. Right Kidney for the Right Recipient, june 2018, Iasi, Romania
9. Arteriovenous fistula evaluation, sept.2018 Sibiu, Romania
10. ERA EDTA – Scientific and Educational Interaction Day 2019- Vienna
11. Abdominal ultrasound competence 2018, Timisoara, Romania
12. Vascular ultrasound competence course, modules 1,2,3 2023-2024, UMVB Timisoara

FOREIGN LANGUAGES

	Understanding		Speaking		Writing
	Listening	Reading	Conversation	Oral speech	
English	C1	C1	C1	C1	C1
Italian	B2	B2	B2	B2	B1

French	B1	B1	B1	A2/B1	A2
Hungarian	C1	C1	B2	B2	B2
	Native tongue: Romanian Language Certificates Cambridge CAE grade A (2005) IELTS ACADEMIC: scor total 8.5 / 9 (2016)				

**FIRST AUTHOR poster
and oral CONGRESS
PRESENTATIONS**

1. POSTER PRESENTATION
„Lupus nephritis and renal vein thrombosis- a rare association”
Balkan Association of Nephrology Dialysis, Transplantation and Artificial Organs ,
BANTAO Timisoara , 2013
2. POSTER PRESENTATION
„Contrast enhanced ultrasound for the assessment of renal tumoral masses detected
in standard ultrasound
Romanian National Ultrasound Congress, Timisoara 2014
3. POSTER PRESENTATION
„ Ecocardiography in dialysis patients”
NefroCarDia , Romania, Timisoara 2014
4. POSTER PRESENTATION
„Comparison between two elastography methods in renal assessment”
Euroson, Athena 2015
5. POSTER PRESENTATION
„The value of ElastPQ for renal assessment”
Euroson, Athena, 2015
6. POSTER PRESENTATION
”ARFI Elastography in diabetic kidney disease”
Euroson, Athena 2015
7. POSTER PRESENTATION
„Is there a correlation between ARFI elastography and histological features in
patients with glomerulopathies?- a pilot study”
Euroson, Athena, 2015
8. ORAL PRESENTATION
„ACEI/ARB treatment in dialysis patients- impact on mortality and cardiovascular
events”
NefroCarDia, Romania, Timisoara, 2016
9. POSTER PRESENTATION
“Comparison between two elastography methods in the assessment of the kidney”
Euroson, Leipzig 2016
10. POSTER PRESENTATION
“The use of the ElastPQ technique in the assessment of patients with CKD”
Euroson, Leipzig 2016
11. POSTER PRESENTATION
“Is renal stiffness measured using elastography influenced mainly by vascular
factors?”
Euroson, Ljubljana 2017
12. POSTER PRESENTATION
“Cardiovascular Events in CKD5D Patients on Maintenance Hemodialysis Therapy
and Renin-Angiotensin Blockade - A Bicentric Retrospective Study.”, ERA-EDTA,
Madrid 2017
13. POSTER PRESENTATION
“Point Shear Wave Velocity measured by ElastPQ in Chronic Kidney Disease”
National Ultrasound Congress, Romania, Brasov 2018
14. POSTER PRESENTATION

- “Malnutrition Inflammation Complex Syndrome in Hemodialysis Patients- Implications in Cardiovascular and Vascular Access Outcomes”, BANTAO, Budva, 2018
15. POSTER PRESENTATION
“Arterio -venous fistula stenosis and Association with Other Vascular Access Complications” BANTAO , Skopje 2019
16. POSTER PRESENTATION
“Vascular Access Complications”, ERA EDTA Budapest 2019
17. POSTER PRESENTATION
„Arterio- venous fistula calcifications – risk factors and impact on arteriovenous fistula functionality”, ERA EDTA, Paris 2022
18. ORAL PRESENTATION
„Patterns of Intradialytic Hypotension- Clinical Associations” - BANTAO, Salonic, 2023
19. ORAL PRESENTATION
„Complicatii infectioase ale pacientilor critici cu boala renala diabetica”, National Nephrology Congress, Cluj Napoca 2024
20. ORAL PRESENTATION
„ Infectious complications in ANCA associated vasculitis with renal involvement- a single center retrospective study” BANTAO, Belgrad, 2024

PUBLICATIONS

1. **Correlation of Point Shear Wave Velocity and Kidney Function in Chronic Kidney Disease**, Grosu I, Bob F, Sporea I, Popescu A, Şirli R, Schiller A., J Ultrasound Med. 2018 Apr 24. doi: 10.1002/jum.14621 ISI IF:1.54
2. **Is there a correlation between kidney shear wave velocity measured with VTQ and histological parameters in patients with chronic glomerulonephritis? A pilot study.** Bob F, Grosu I, Sporea I, Bota S, Popescu A, Sirli R, Petrica L, Schiller A. Med Ultrason. 2018 Feb 4;1(1):27-31. doi: 10.11152/mu-1117 ISI IF:1.1
3. **Ultrasound-Based Shear Wave Elastography in the Assessment of Patients with Diabetic Kidney Disease.** Bob F, Grosu I, Sporea I, Bota S, Popescu A, Sima A, Şirli R, Petrica L, Timar R, Schiller A. Ultrasound Med Biol. 2017 Oct;43(10):2159-2166. doi: 10.1016/j.ultrasmedbio.2017.04.019. Epub 2017 Jul 15. ISI IF: 2.5
4. **Is Kidney Stiffness Measured Using Elastography Influenced Mainly by Vascular Factors in Patients with Diabetic Kidney Disease?** Bob F, Grosu I, Sporea I, Timar R, Lighezan D, Popescu A, Sirli R, Buzas R, Petrica L, Munteanu M, Schiller A Ultrason Imaging. 2018 May 1:161734618779789. doi: 10.1177/0161734618779789. ISI IF: 1,8
5. **Rapid decline of kidney function in diabetic kidney disease is associated with high soluble Klotho levels.** Bob F, Schiller A, Timar R, Lighezan D, Schiller O, Timar B, Bujor CG, Munteanu M, Gadalean F, Mihaescu A, Grosu I, Hategan A, Chisavu L, Puzstai AM, Covic A. Nefrologia. 2019 May - Jun;39(3):250-257. doi: 10.1016/j.nefro.2018.08.004. Epub 2018 Nov 2. English, Spanish
6. **C-reactive protein as a prognostic risk factor for loss of arteriovenous fistula patency in hemodialyzed patients.** Stirbu O, Gadalean F, Pitea IV, Ciobanu G, Schiller A, Grosu I, Nes A, Bratescu R, Olariu N, Timar B, Tandrau MC. J Vasc Surg. 2019 Jul;70(1):208-215. doi: 10.1016/j.jvs.2018.10.100. Epub 2019 Feb 18..
7. **Two-Dimensional Shear-Wave Elastography for Kidney Stiffness Assessment.** Grosu I, Bob F, Sporea I, Popescu A, Sirli R, Schiller A. Ultrasound Q. 2019 May 30. doi: 10.1097/RUQ.0000000000000461.
8. **Exploring the relation between mortality and left ventricular structure and function in stable hemodialysis treated patients, a longitudinal multicenter cohort study.** Chisavu LA, Apostol A, Pop GN, Ivan V, Schiller O, Bob F, Marc L, Mihaescu A, Gadalean F, Grosu I, Timar B, Schiller A. Sci Rep. 2021 Jun 16;11(1):12694. doi: 10.1038/s41598-021-91431-9.
9. **Liver Steatosis: Better Predictor of CKD in MAFLD Than Liver Fibrosis as Determined by Transient Elastography With Controlled Attenuation Parameter.** Marc L, Mihaescu A, Lupusoru R, Grosu I, Gadalean F, Bob F, Chisavu L, Olariu N, Tucicovschi V, Timar B, Sporea I, Timar R, Schiller A.. Front Med (Lausanne). 2022 Jan 13;8:788881. doi: 10.3389/fmed.2021.788881. PMID: 35096879; PMCID: PMC8793847.
10. **Chronic kidney disease in cancer patients, the analysis of a large oncology database from Eastern Europe.** Ciorcan M, Chisavu L, Mihaescu A, Gadalean F, Bob FR, Negru S, Schiller OM, Grosu ID, Marc L, Chisavu F, Dragota Pascota R, Apostol A, Ivan V, Schiller A.. PLoS One. 2022 Jun 9;17(6):e0265930. doi: 10.1371/journal.pone.0265930. PMID: 35679539; PMCID: PMC9183451.
11. **Assessment of Renal Allograft Stiffness and Viscosity Using 2D SWE PLUS and Vi PLUS Measures-A Pilot Study.** Maralescu FM, Bende F, Sporea I, Popescu A, Şirli R, Schiller A, Petrica L, Moga TV, Mare R, Grosu I, Bob F. J Clin Med. 2022

- Jul 27;11(15):4370. doi: 10.3390/jcm11154370. PMID: 35955985; PMCID: PMC9369292.
12. **Relationship between Novel Elastography Techniques and Renal Fibrosis- Preliminary Experience in Patients with Chronic Glomerulonephritis.** Maralescu FM, Vaduva A, Schiller A, Petrica L, Sporea I, Popescu A, Sirli R, Dema A, Bodea M, **Grosu I**, Bob F. *Biomedicines*. 2023 Jan 26;11(2):365. doi: 10.3390/biomedicines11020365. PMID: 36830901; PMCID: PMC9953735.
 13. **Point-of-Care Arterio-Venous Fistula Ultrasound in the Outpatient Hemodialysis Unit-A Survey on the Nurses' Perspective Grosu I, Stirbu O, Schiller A, Gadalean F, Bob F..** *Nurs Rep*. 2024 Feb 4;14(1):353-361. doi: 10.3390/nursrep14010027. PMID: 38391072; PMCID: PMC10885040.
 14. **The Relationship between Circulating Kidney Injury Molecule-1 and Cardiovascular Morbidity and Mortality in Hemodialysis Patients.** Sircuța AF, **Grosu ID**, Schiller A, Petrica L, Ivan V, Schiller O, Bodea M, Mircea MN, Golet I, Bob F. *Biomedicines*. 2024 Aug 20;12(8):1903. doi: 10.3390/biomedicines12081903. PMID: 39200365; PMCID: PMC11352197.
 15. **Arterio-Venous Fistula Calcifications—Risk Factors and Clinical Relevance.** **Grosu, Iulia Dana**, Oana Stirbu, Adalbert Schiller, and Flaviu Bob. 2024. *Biomedicines* 12, no. 11: 2464. <https://doi.org/10.3390/biomedicines12112464>
 16. **Vitamin K Status of Patients Undergoing Hemodialysis: Insights from a Cross-Sectional Study.** Palamar M, **Grosu I**, Schiller A, Petrica L, Bodea M, Sircuta A, Rusan C, Tanasescu DM, Bob F. *Applied Sciences*. 2023; 13(19):10938.
 17. **Vitamin K-Dependent Proteins as Predictors of Valvular Calcifications and Mortality in Hemodialysis Patients** , Palamar M, **Grosu ID**, Schiller A, Petrica L, Bodea M, Sircuta A, Gruescu E, Matei OD, Tanasescu MD, Golet I, Bob F. *Biomedicines*. 2024 Dec 28;13(1):48. doi: 10.3390/biomedicines13010048. PMID: 39857632; PMCID: PMC11762509.
 18. **Contrast-Induced Nephropathy in Endovascular Patients: A Retrospective Cohort Study from a Vascular Surgery Clinic in Eastern Europe.** Olariu, N., Maralescu, F.-M., Bob, F., **Grosu, I. D.**, Dragota-Pascota, R., Marc, L., Chisavu, L., Albai, O., Ratiu, I. A., Barac, S., Rață, A. L., Mzi, A., & Mihaescu, A. (2025). *Journal of Clinical Medicine*, 14(4), 1172. <https://doi.org/10.3390/jcm14041172>

**NATIONAL AND
INTERNATIONAL PRIZES**

1. UEFISCDI pentru articolul PN-III-P1-1.1-PRECISI-2017-19746
Ultrasound-Based Shear Wave Elastography in the Assessment of Patients with Diabetic Kidney Disease
2. Best oral presentation WFUMB Taipei 2017
The Relationship between Shear Wave Speed measured by ElastPQ and Different Biomarkers in Chronic Kidney Disease
Flaviu Bob, Iulia Grosu, Ioan Sporea, Romulus Timar, Roxana Sirli, Alina Popescu, Geta Bujor, Adalbert Schiller, Ligia Petrica
Presenting author: Flaviu Bob

**CHAPTERS IN NATIONAL
AND INTERNATIONAL
PUBLISHED BOOKS**

1. **Arteriovenous Fistula Ultrasound Assessment**, June 2024, DOI: 10.5772/intechopen.1005566, In book: Ultrasound - The Next Step in Clinical Evaluation
2. **Nutriția pacientului dializat**, Bogdan Timar, Adina Braha, Iulia Grosu. Capitol în NUTRIȚIA în prevenția și terapia BOLILOR CRONICE NETRANSMISIBILE, coord. Ed.: Mariana Graur, referenți științifici: Prof. Dr. Lăcrămioara Ionela Șerban, Prof. Dr. Eugen Târcoveanu. Iași: Editura Gr.T. Popa, 2020. ISBN 978-606-544-690-8. Pag. 259-266

MISCELLANEOUS

Member: European Renal Association
Member: Romanian Society of Nephrology
Subinvestigator clinical trials: SELUNE "Secukinumab in Lupus Nephritis",
Principal investigator: Prof. Dr. Flaviu Bob