



# Curriculum vitae Europass

## Personal information

Surname / First name

**ȘTEFLEA (JURAC) RUXANDRA MARIA**

Address

Timisoara, Str. Iosif Nemoianu, no. 2,

Telephone

Email

[steflea.ruxandra@umft.ro](mailto:steflea.ruxandra@umft.ro)

Nationality(ies)

Romanian

Date of birth

26 August 1987

## Professional experience

2021-present: Assistant Professor – Discipline XI Paediatrics, Victor Babes University of Medicine and Pharmacy, Timisoara

2024: Specialist in paediatric nephrology, confirmation order no. 6157/19 December 2024

2018: Specialist paediatrician, confirmation order no. 38/15 January 2018

2020-present: Specialist paediatrician, Louis Turcanu Children's Emergency Hospital, Timisoara

2013-2017: Paediatric resident, Louis Turcanu Children's Emergency Hospital, Timisoara

## Education and training

2017-present: PhD student at Victor Babeș University of Medicine and Pharmacy, Timișoara - Faculty of General Medicine

2022 - Graduate of Level II of the Psychopedagogical Training Programme, "Vasile Goldis" Western University, Arad

2021- Graduate of Level I of the Psychopedagogical Training Programme, Banat University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" in Timisoara, series Ah, No. 0013559

2006 - 2012 Victor Babeș University of Medicine and Pharmacy, Timișoara - Faculty of General Medicine

2002 - 2006 "Constantin Diaconovici Loga" National College, Timisoara

## Personal skills and competences

Mother tongue(s)

**Romanian**

Foreign language(s)

Self-assessment

European level (\*)

**English**

**German**

**French**

Understanding		Speaking		Writing	
Listening	Reading	Participation in conversation	Oral discourse	Written expression	
C1	C1	C1	C1	C1	
A2	A2	A2	A2	A2	
B1	B1	A2	A2	A2	

(\*) Common European Framework of Reference for Languages

Computer skills and abilities

Use of Microsoft Office

Driving licence(s)

Category B

## Participation in medical congresses and conferences

1. 13th National Congress for Students and Young Doctors, Bucharest, 10-13 December 2009
2. Angiogenesis and lymphangiogenesis: targets for cancer therapy, workshop, Timișoara, 8 December 2010
3. Symposium on Dermatopathology in Skin Tumours, Timișoara, 10 November 2011
4. National Congress for Students and Young Doctors, 15th edition, Bucharest, 30 November-4 December 2011
5. Student's symposium eMediqual 2012, Timișoara, 20-21 April 2012
6. *15th National Congress for Students and Young Doctors, Bucharest, 5–8 December 2013*
7. National Congress on Diabetes, Nutrition and Paediatric Endocrinology – with international participation, Timișoara, 14–17 May 2014
8. National Conference on Infectious Diseases, Timișoara, 2-4 July 2014
9. Symposium on "Approaching patients with fever, respiratory tract infections and acute diarrhoeal disease", Timișoara, 31 March 2014
10. 2nd National Congress on Paediatric Diabetes, Nutrition and Endocrinology – with international participation, Timișoara, 15-18 April 2015
11. Modern diagnostic and therapeutic approach to paediatric and neonatal cardiovascular pathology, Timișoara, 17 November 2015
12. Prevention elements in paediatric treatment, Timișoara, 14-15 April 2016
13. The 8th Europediatrics Congress jointly held with The 13th National Congress of the Romanian Paediatrics Society, Bucharest, 7-10 June 2017
14. National Paediatrics Conference – Advances in Paediatrics, Bucharest, 21-24 March 2018
15. The role of nutrition and physical activity in maintaining children's health, Timișoara, 28-29 June 2018
16. National Paediatrics Conference – Guidelines and Protocols in Paediatrics 2020, online, 7–10 October 2020
17. Europediatrics, Zagreb, October 2021
18. The 54th European Society of Paediatric Nephrology Annual Meeting, Ljubljana, Slovenia, 22-25 June 2022
19. The 55th European Society of Paediatric Nephrology Annual Meeting, Vilnius, Lithuania, 28 September-1 October 2023
20. The 41st Annual Meeting of the European Society for Paediatric Infectious Diseases, Lisbon, Portugal, 8-12 May 2023.
21. Conference "Glomerular diseases - what's new?", Timisoara, Romania, 28-29 October 2023
22. 5th Conference "Controversies in Growth and Development Disorders in Children", Timisoara, Romania, 8-11 May 2023
23. Congenital Anomalies of the Kidney and Urinary Tract (CAKUT), Timisoara, Romania, 16-18 May 2024

**Publications**

1. **Steflea RM**, Stroescu R, Gafencu M, Stoicescu ER, Isac R, Olariu IC, Micsescu-Olah AM, Susa SR, Murariu M, Doros G. A Pilot Comparative Study between Creatinine- and Cystatin-C-Based Equations to Estimate GFR and Kidney Ultrasound Percentiles in Children with Congenital Anomalies of the Kidney and Urinary Tract. *Diagnostics (Basel)*. 10 May 2024;14(10):994. doi: 10.3390/diagnostics14100994.
2. **Steflea, R. M.**, Jammula, G., Kanka, A., Streian, C. G., Bratosin, F., Roberta, A. C., Susan, M., Harich, O. O., Boru, C., Tanasescu, S., Cristescu, D.-M., Banta, A.-M., Doros, G., & Feciche, B. (2024). Assessment of Kidney Function Discrepancies in Paediatric CAKUT Patients Using Bedside Schwartz Equation and Renal Scintigraphy. *Diseases*, 12(11), 265. <https://doi.org/10.3390/diseases12110265>
3. **Steflea, R. M.**, Stoicescu, E. R., Aburel, O., Horhat, F. G., Vlad, S. V., Bratosin, F., Banta, A.-M., & Doros, G. (2024). Evaluating Neutrophil Gelatinase-Associated Lipocalin in Paediatric CKD: Correlations with Renal Function and Mineral Metabolism. *Paediatric Reports*, 16(4), 1099-1114. <https://doi.org/10.3390/pediatric16040094>
4. Stolojanu, C., **Steflea, R.**, Micsescu-Olah, A. M., Alexandra, I., Popoiu, A., & Doros, G. (2024). Combined Utility of Speckle Tracking Echocardiography and Cardiac Biomarkers for Early Detection of Anthracycline-Induced Cardiotoxicity in Paediatric Oncology Patients. *Biomedicines*, 12(12), 2849. <https://doi.org/10.3390/biomedicines12122849>
5. Chisavu F, Chisavu L, Ivan V, Schiller A, Mihaescu A, Marc L, Stroescu R, **Steflea RM**, Gafencu M. Acute Kidney Disease following Acute Kidney Injury in Children-A Retrospective Observational Cohort Study on Risk Factors and Outcomes. *J Clin Med*. 27 May 2024;13(11):3145. doi: 10.3390/jcm13113145.
6. Stroescu R, Gafencu M, **Steflea RM**, Chisavu F. Kidney Measurement and Glomerular Filtration Rate Evolution in Children with Polycystic Kidney Disease. *Children (Basel)*. 10 May 2024;11(5):575. doi: 10.3390/children11050575.
7. Stroescu RF, Chisavu F, **Steflea RM**, Doros G, Bizerea-Moga TO, Vulcanescu DD, Marti TD, Boru C, Avram CR, Gafencu M. A Retrospective Analysis of Systemic Bartonella henselae Infection in Children. *Microorganisms*. 27 March 2024;12(4):666. doi: 10.3390/microorganisms12040666. PMID: 38674610; PMCID: PMC11051763.
8. Ardelean AM, Olariu IC, Isac R, **Jurac R**, Stolojanu C, Murariu M, Toma AO, Braescu L, Mavrea A, Doros G. Correlation of Speckle-Tracking Echocardiography with Traditional Biomarkers in Predicting Cardiotoxicity among Paediatric Haematology-Oncology Patients: A Comprehensive Evaluation of Anthracycline Dosages and Treatment Protocols. *Children (Basel)*. 30 August 2023;10(9):1479. doi: 10.3390/children10091479.
9. Ardelean AM, Olariu IC, Isac R, Nalla A, **Jurac R**, Stolojanu C, Murariu M, Fericean RM, Braescu L, Mavrea A, Dumitru C, Doros G. Impact of Cancer Type and Treatment Protocol on Cardiac Function in Paediatric Oncology Patients: An Analysis Utilising Speckle Tracking, Global Longitudinal Strain, and Myocardial Performance Index. *Diagnostics (Basel)*. 31 August 2023;13(17):2830. doi: 10.3390/diagnostics13172830.
10. Gafencu M, **Steflea RM**. Actualities in the management of secondary hyperparathyroidism due to chronic kidney disease in children. *Acta Endocrinol (Buchar)*. 2023 Jul-Sep;19(3):403-406. doi: 10.4183/aeb.2023.403. Epub 2024 Feb 1.
11. Isac R, Costa R, Frandes M, Lazureanu VE, Stroescu RF, **Steflea RM**, Bagiu IC, Horhat FG, Chicin GN, Roberta AC, Cornelia PA, Doros G, Gafencu M. Renal Impairment Impact and Survival Analysis in a Romanian Cohort of HIV-1(F1)-Infected Children and Adolescents. *Life (Basel)*. 27 March 2023;13(4):888. doi: 10.3390/life13040888.
12. Olariu IC, Popoiu A, Ardelean AM, Isac R, **Steflea RM**, Olariu T, Chirita-Emandi A, Stroescu R, Gafencu M, Doros G. Challenges in the Surgical Treatment of Atrioventricular Septal Defect in Children With and Without Down Syndrome in Romania—A Developing Country. *Front Pediatr*. 7 July 2021;9:612644. doi: 10.3389/fped.2021.612644
13. Isac R, Basaca DG, Olariu IC, Stroescu RF, Ardelean AM, **Steflea RM**, Gafencu M, Chirita-Emandi A, Bagiu IC, Horhat FG, Vulcanescu DD, Ionescu D, Doros G. Antibiotic Resistance Patterns of Uropathogens Causing Urinary Tract Infections in Children with Congenital Anomalies of Kidney and Urinary Tract. *Children (Basel)*. 8 July 2021;8(7):585. doi: 10.3390/children8070585.
14. Ruxandra Laza, **Ruxandra Jurac**, Alexandru Crişan, Voichiţa Lăzureanu, Monica Licker, Emilian Damian Popovici, Luminiţa Mirela Bădiţoiu, *Clostridium difficile* in western Romania:

	<p>unfavourable outcome predictors in a hospital for infectious diseases, BMC Infectious Diseases, 2015, 15-141, DOI 0.1186/s12879-015-0895-y</p> <p>15. Ruxandra Laza, A. Crişan, Luminiţa Bădiţoiu, Emilia Nicoară, Narcisa Nicolescu, Voichiţa Lăzureanu, <b>Ruxandra Jurac</b>, CURRENT ISSUES IN ACUTE DIARRHEAL DISEASE, Modern Medicine, 2014, Vol. 21, No. 4 : 281-286 ,ISSN 2360-2473, ISSN-L 1223-0472</p> <p>16. Ruxandra Laza, Alexandru Crisan, <b>Ruxandra Jurac</b>, Luminita Baditoui, Emilia Nicoara, Narcisa Nicolescu, Voichita Lazureanu, PYOGENIC MENINGITIS – CURRENT ASPECTS, MEDICINE IN EVOLUTION, Vol. XX, No. 3, 2014, pp. 444-450, ISSN 2065-376X</p> <p>17. I. E. Jurca- Simina, <b>R. M. Jurac</b>, M. Cucuruz, C. Jinca, E. Boeriu, C. Popa, S. Arghirescu, M. Puiu; Particularities of ATRA therapy in paediatric patients with acute promyelocytic leukaemia, European Human Genetics Conference, 31 May - 3 June 2014 Milan, Italy, European Journal of Human Genetics, vol. 22, suppl. 1, pp. 493- Published abstract</p>
<p><b>Posters/Oral presentations</b></p>	<ol style="list-style-type: none"> <li>1. <b>Steflea Ruxandra</b>, Stroescu Ramona Flavia, Chisavu, Gafencu Mihai Approach to pediatric patients with urinary tract infection - pediatrician or nephrologist?, Cluj Pediatrics Days 26-28.10.2023, Oral presentation</li> <li>2. <b>Ruxandra Steflea</b>, Ramona Stroescu, Mihai Gafencu, Raluca Isac, Ioana Cristina Olariu, Lazar Chisavu, Flavia Chisavu, Gabriela Doros, Monitoring kidney function of children with congenital anomalies of the kidney and urinary tract - the experience of a single centre in western Romania, 55th ESPN Annual Meeting, Vilnius, Lithuania, September Pediatric Nephrology, 38, (Suppl 2):S219, 28.09-01.10.2023, Poster</li> <li>3. Flavia Chisavu, Ramona Stroescu, <b>Ruxandra Steflea</b>, Lazar Chisavu, Mihai Gafencu, Acute kidney disease - the silent continuum of kidney injury 55th ESPN Annual Meeting, Vilnius, Lithuania, Sept. Pediatric Nephrology, 38, (Suppl 2):S103, 28.09-01.10.2023, Poster</li> <li>4. Ramona Stroescu, Flavia Chisavu, <b>Ruxandra Steflea</b>, Gabriela Doros, Mihai Gafencu, The faces of thrombotic microangiopathy in children - supportive versus targeted therapy - our experience 55th ESPN Annual Meeting, Vilnius, Lithuania Pediatric Nephrology, 38, (Suppl 2):S232, 28.09-01.10.2023, Poster</li> <li>5. Ramona Stroescu, Flavia Chisavu, <b>Ruxandra Steflea</b>, Lazar Chisavu, Mihai Gafencu, Can Kidney length percentiles predict ADPKD progression?, 55th ESPN Annual Meeting, Vilnius, Lithuania Pediatric Nephrology, 38, (Suppl 2):S232, 28.09-01.10.2023, Poster</li> <li>6. Stroescu Ramona, Gafencu Mihai, David Vlad, Flavia Chisavu, Isac Raluca, <b>Şteflea Ruxandra</b>, Doros Gabriela, the value of contrast enhanced ultrasound in young children with urinary tract infection, the 54th ESPN Annual Meeting, Ljubljana, Slovenia, 22-25 June 2022, 37, 2924 <a href="https://link.springer.com/article/10.1007/s00467-022-05630-1">https://link.springer.com/article/10.1007/s00467-022-05630-1</a>, Poster</li> <li>7. Stroescu Ramona, Gafencu Mihai, David Vlad, Flavia Chisavu, <b>Şteflea Ruxandra</b>, Doros Gabriela, invasive renal fungal infections in preterm infants – report on 3 cases, the 54th ESPN Annual Meeting, Ljubljana, Slovenia, 22-25 June 2022, 37, 2948, <a href="https://link.springer.com/article/10.1007/s00467-022-05630-1">https://link.springer.com/article/10.1007/s00467-022-05630-1</a>, Poster</li> <li>8. Raluca Isac, Mihai Gafencu, <b>Ruxandra Maria Steflea</b>, Cristina-Ioana Olariu, Ramona Florina Stroescu, Andrada Mara Ardelean, Gabriela Doros, Renal malformations in children in West part of Romania, the 54th ESPN Annual Meeting, Ljubljana, Slovenia, 22-25 June 2022, 37, 2952, <a href="https://link.springer.com/article/10.1007/s00467-022-05630-1">https://link.springer.com/article/10.1007/s00467-022-05630-1</a> (Early biological therapy improves the prognosis in complement activation-mediated renal diseases? Case reports from a single centre in Western Romania), Poster</li> <li>9. <b>Steflea, RM</b>; Stroescu, R; Chisavu, F; Doros, G; Gafencu, M, Early biological therapy improves the prognosis in complement activation-mediated renal diseases? Case reports from a single centre in western Romania, PEDIATRIC NEPHROLOGY, 37, Issue 11, 2959-2960 Meeting Abstract, EP-269, Poster</li> <li>10. <b>M. Gafencu, R. Stroescu, R.Steflea, Major electrolyte imbalances in nephrological emergencies</b>, National Paediatrics Conference - Guidelines and Protocols in Paediatrics</li> </ol>

	<p>2020, online, 7-10.10.2020, oral presentation</p> <ol style="list-style-type: none"> <li>11. A.M. Ardelean, <b>R. Steflea</b>, R. Stroescu, R. Isac, C. Olariu, M. Gafencu, A. Popoiu, G. Doros, Speckle tracking as a modern echocardiographic technique in assessing cardiac function in children, Royal College of Paediatrics and Child Health, 9th Europaediatrics Congress, 13–15 June, Dublin, Ireland 2019, poster</li> <li>12. G. S. Doros, A. Ardelean, A. V. Popoiu, C. I. Olariu, A. Dumitrescu, R. Stroescu R., M. Gafencu, <b>R. M. Steflea</b>, Axenfeld - Rieger syndrome - etiology for Mitral and Aortic valve insufficiency, the 51st European Society of Human Genetics Conference- poster</li> <li>13. Doros G, Ardelean A, Popoiu A, Dumitrescu A, Olariu C, Stroescu R, Isac R, Gafencu M, <b>Şteflea R</b>, Peripartum cardiomyopathy in a teenage mother- a challenge for paediatric cardiologists, National Paediatrics Conference – Advances in Paediatrics, Bucharest, 21-24 March 2018, poster</li> <li>14. Doros G., Popoiu A., Ionac A., Olariu C. , Ardelean A., <b>R. Steflea</b>, Gafencu M., Miclaus G., Myocarditis mimicking acute myocardial infarction with normal coronary arteries MINOCA in an adolescent with Duchenne disease, 8<sup>th</sup> Europediatrics Congress, Bucharest, 7-10 June 2017, poster</li> <li>15. G. Doros, A. Popoiu, G. Miclaus, C. Olariu, A. Ardelean, <b>R. Steflea</b> ,M. Gafencu. Severe coronary complications in two patients with Kawasaki disease: giant aneurysm of the LAD with thrombus formation associated with medium aneurysm of the RCA and fibrotic thickening of the proximal LAD. 8<sup>th</sup>Europediatrics Congress, Bucharest, 7-10 June 2017, Poster</li> <li>16. Claudia Tirziu, <b>Ruxandra Steflea</b>, Persa Ghitulescu, Caius Solovan, ONE DISEASE INVOLVING MULTIPLE GENERATIONS (BOURNEVILLE'S DISEASE) CASE PRESENTATION, the 26th EADV Congress in Geneva, Switzerland, 2017- Poster</li> <li>17. Claudia Tirziu, <b>Ruxandra Steflea</b>, Borislava Urda, Persa Ghitulescu, Flavia Baderca, Caius Solovan, CASE REPORT: PYODERMA GANGRENOSUM - CLINICAL AND BIOLOGICAL CONSIDERATIONS, the 26th EADV Congress in Geneva, Switzerland, 2017- Poster</li> <li>18. Ruxandra Laza, Rodica Potre Oncu, Alexandru Crişan, <b>Ruxandra Jurac</b>, Non-hepatitis jaundice - adverse reaction to rifampicin, 11th Edition of the Scientific Days of the National Institute of Infectious Diseases "Prof. Dr. Matei Balş", 14-16 October 2015, BMC Infect Dis. 2014; 14(Suppl 7): P48., doi: 10.1186/1471-2334-14-S7-P48, Poster</li> <li>19. A. Crisan. R. Laza, E. Nicoara, A. Toma, <b>R. Jurac</b>, I. Codila, A., Bugariu, Toxic-induced hepatorenal failure - case presentation, National Conference on Infectious Diseases, Timisoara, 2-4 July 2014, oral presentation</li> <li>20. R. Laza, A. Crisan, E. Nicoara, A. Toma, <b>R. Jurac</b>, I. Codila, A., Bugariu, V. Lazureanu N. Nicolescu, Prolonged fever syndrome - clinical aspects, National Conference on Infectious Diseases, Timisoara, 2-4 July 2014, oral presentation</li> <li>21. C. Jinca, S. Arghirescu, D. Baghiu, A. Colita, R. Cosnarovici, M. Dragomir, A. Horvath, <b>R. Jurac</b>, I. Miron, Gh. Popa, L. Ritli, P. Stancu - Outcome of children with ALL in Romania. A 10-year multicentric analysis, The 9<sup>th</sup>Regional Central-Eastern/South-Eastern European Paediatric Oncohaematology Meeting, oral presentation</li> <li>22. C. Jinca, S. Arghirescu, M. Cucuruz, C. Petrescu, E.Boeriu, A. Oprisoni, L. Balint-Gib, O. Ciocârlie, A. Balan, A. Isac, <b>R. Jurac</b>, C. Popa and M. Serban, Outcome of children with acute lymphoblastic leukaemia in the experience of a single centre. Is there room for further improvement? , The 8th Regional Central-Eastern/South-Eastern European Paediatric Oncohaematology Meeting / The 16th Romanian-Hungarian Paediatric Oncology Meeting / The 4th Paediatric CELG Meeting, Cluj Napoca, 10-12 October 2013, oral presentation</li> <li>23. <b>R.M Jurac</b>, C.Jinca, The role of unrelated donor bone marrow transplantation in a case of juvenile myelomonocytic leukaemia, National Congress for Students and Young Doctors, 17th edition, 5-8 December 2013, Bucharest, oral presentation</li> </ol>
<b>Courses</b>	<ol style="list-style-type: none"> <li>1. "Haematopoietic stem cell transplantation" within the project "DEVELOPMENT OF</li> </ol>

	<p>TRANSPLANTATION SKILLS", POSDRU/186/3.2/S/155295</p> <ol style="list-style-type: none"> <li>2. MEDICAL GENETICS course: C1-Genetics, a basic branch of modern medicine; C2- Multifactorial diseases: Insulin-dependent diabetes mellitus, Coronary artery disease, Hypertension, Psychiatric diseases, Neurodegenerative diseases; C3- Cancer as a genetic disease; C4-Epigenetics; C5- Immunogenetics, held between August 2018 and February 2020, Professional training of medical staff in Romania in medical genetics PROGEN-SMIS 107623</li> <li>3. INTERNATIONAL COURSE ON GUIDELINES AND PROTOCOLS IN ANAESTHESIA, INTENSIVE CARE AND EMERGENCY MEDICINE, 24–26 September 2020/ Online only</li> <li>4. - Automatic Peritoneal Dialysis Course – Fresenius Medical Care – 2021, 2025</li> <li>5. - Intermittent Haemodialysis Course BBraun – 2023</li> <li>6. - Course on continuous ambulatory and neonatal peritoneal dialysis – 2023</li> </ol>
<p><b>Clinical studies</b></p>	<p>Sub-investigator – A Phase 3, Open-Label, Uncontrolled Study to Evaluate the Activity, Safety, Pharmacokinetics and Pharmacodynamics of Roxadustat for the Treatment of Anaemia in Paediatric Participants with Chronic Kidney Disease (CKD)</p>