



**Curriculum vitae
Europass**



Personal information

Last name / First name **Sabine Stefania Groza**
Email groza.sabine@umft.ro
Nationality Romanian
Sex Female

Professional experience

Period 2008 – present

Function or position held

Assistant Professor (Physiology)

Main activities and responsibilities

Undergraduate and postgraduate teaching in Physiology

Name and address of employer

“Victor Babeș” University of Medicine and Pharmacy Timișoara, Department of Physiology – Immunology, Eftimie Murgu Square no. 2, Timisoara, Romania

Type of activity or sector of activity

Practical laboratory instruction, student assessment, and academic mentoring.

Period

2001 - 2007

Function or position held

Specialist in Family Medicine / General Practitioner

Main activities and responsibilities

Provision of preventive and curative medical care across all age groups, management of chronic and acute medical conditions, preventive medicine and patient education

Name and address of employer

Private Medical Center “Dr. Ioia”, Timișoara, Romania

Type of activity or sector of activity

General medicine

Period

2000 – 2002

Function or position held

General Practitioner

Main activities and responsibilities

Comprehensive primary care services, diagnosis and treatment of diverse medical pathologies.

Name and address of employer

“Dr. Dan Olariu” Private Medical Center, Timișoara, Romania

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|---|--|-----------------|----------------|
| Type of activity or sector of activity | General Medicine | | |
| Period | 1990 – 2000 | | |
| Function or position held | General Practitioner | | |
| Main activities and responsibilities | Preventive and curative medical practice, long-term patient monitoring and management | | |
| Name and address of employer | Private Medical Center “RC Medica”, Timișoara, Romania | | |
| Type of activity or sector of activity | General Medicine | | |
| Period | 1987-1990 | | |
| Function or position held | Resident Physician (Trainee Doctor) | | |
| Main activities and responsibilities | Rotational clinical training in surgery, pediatrics, gynecology, infectious diseases, and outpatient medicine. | | |
| Name and address of employer | Deva County Hospital, Hunedoara County, Romania | | |
| Type of activity or sector of activity | Rotational clinical training in surgery, pediatrics, gynecology, infectious diseases, and outpatient medicine | | |
| Education and training | | | |
| Period | September 2001 – May 2002 | | |
| Qualification / diploma obtained | Specialist in Family Medicine | | |
| Main disciplines studied / skills acquired | Training course for family doctors | | |
| Name and type of educational institution/training provider | Timiș County Public Health Directorate | | |
| Level in national or international classification | September 2001 – May 2002 | | |
| Period | 1981 -1987 | | |
| Qualification / diploma obtained | Doctor of Medicine (MD) | | |
| Main disciplines studied / skills acquired | General Medicine | | |
| Name and type of educational institution/training provider | Victor Babeș University of Medicine and Pharmacy Timișoara, Romania | | |
| Period | 1977-1981 | | |
| Qualification / diploma obtained | Baccalaureate Diploma | | |
| Main disciplines studied / skills acquired | Mathematics, physics, chemistry | | |
| Name and type of educational institution/training provider | High School of Mathematics and Physics No. 1, Târnăveni | | |
| Native language | Romanian | | |
| Language Skills (CEFR) | Understanding | Speaking | Writing |

| | <i>European level (*)</i> | | | | | | | | | |
|----------|---------------------------|------------------|---------|------------------|--------------------|------------------|-------------|------------------|--------------------|------------------|
| | Listening | | Reading | | Spoken interaction | | Oral speech | | Written expression | |
| Romanian | Native | | Native | | Native | | Native | | Native | |
| German | B2 | Independent user | B2 | Independent user | B1 | Independent user | B1 | Independent user | B1 | Independent user |
| English | B2 | Independent user | B2 | Independent user | B1 | Independent user | B1 | Independent user | B1 | Independent user |

() Common European Framework of Reference for Languages level*

Social skills and abilities Proven adaptability to multidisciplinary academic and clinical environments, supported by strong communication and collaborative competencies developed through extensive professional experience.

Technical and Digital Skills Advanced proficiency in Microsoft Office Suite, scientific database research, and academic manuscript preparation.

Organizational skills and abilities Member of organizing committees for national scientific conferences, including:

- 10th Congress of the Romanian Society of Physiology (Cluj-Napoca, 2008)
- 11th National Congress of the Romanian Society of Physiological Sciences (Timișoara, 2012)
- 41st National Immunology Conference (Timișoara, 2011)
- XXXIX Conference of the Physiology Society (Timișoara, 2017)
- 31st Conference of the Romanian Society of Physiology (Timișoara, 2019)

Other skills and abilities Proficient in Microsoft Office Suite (Word, Excel, PowerPoint), Adobe applications, CorelDRAW, ABBYY FineReader; advanced internet navigation

Driving license Category B.

Additional Information **Membership in professional organizations:**

- Federation of European Physiological Sciences
- Romanian Society of Physiological Sciences
- Romanian Society of Immunology
- European Society of Human Genetics
- Romanian Genetics Society
- Romanian Society of Cell Biology
- International Federation of Cell Biology
- Extracorporeal Life Support Organization

Books and Book Chapters:

- Fiziologie clinică: aplicații practice. Balneofiziokinetoterapie și recuperare. Noveanu L, Gherbon A, Goția L, Groza S. Ed. Mirton Timișoara, 2011, 105pg, ISBN 978-973-52-1095-3
- Fiziologie umană - lucrări practice - fiziologie generală, digestiv, sange, renal. Autori: Carmen Panaitescu, Carmen Tatu, Daciana Nistor, Gabriela Tanasie, Monica Cotarca, Elena Ciurariu, Laura Marusciac, Sabine Groza, Marius Georgescu, Luminița Cernescu, Crenguța Calma, Adriana Gherbon; Explorarea hemostazei și fibrinolizei, Editura Eurostampa, Timisoara, 2017
- Fiziologie umană - lucrări practice – cardiovascular, respirator, endocrin, sistem nervos. Autori: Carmen Panaitescu, Daciana Nistor, Gabriela Tanasie, Carmen Tatu, Laura Marusciac, Dana Plesca, Laura Gotia, Adriana Gherbon, Luminița Cernescu, Sabine Groza, Elena Ciurariu, Monica Cotarca, Marius Georgescu, Paul Tamaș, Crenguța Calma, Daniela Crîșnic, Octavia Harich; Explorarea funcțională a glandei tiroide, glandelor paratiroide și glandelor suprarenale, Editura Eurostampa, Timisoara, 2017

ANNEXES:**SPECIALIZATIONS AND QUALIFICATIONS:**

September 2014 – February 2014, Psychopedagogical Training Program, Level 1, West University of Timișoara
February 2014 – June 2014, Psychopedagogical Training Program, Level 2, West University of Timișoara
November 2014 – Doctor of Medical Sciences (PhD) based on the Order of the Ministry of National Education number 3181 of 06.02.2015, Scientific Supervisor: Prof. Univ. Dr. Păunescu Virgil, Theme of the work: New biomarkers and therapeutic approaches in immunosenescence associated with Alzheimer's disease

PARTICIPATION IN SPECIALTY COURSES AND CONFERENCES :

- May 2013 - Certificate of completion of the workshop on the topic "COPD - Multifunctional Syndrome"
- Certificate of Graduation: Module 7 - Notions of Tissue Bioengineering from the course "Regenerative Therapies through Cell Transplantation" - June 2012
- July 1999 – participation in the “Training Module for Family Doctors”, organized by the Health Insurance House, Timișoara.
- July 1999 – Training Module No. 1 for family doctors on the topic: Practical aspects of the application of the Social Health Insurance Law
- September 2001 – February 2002 – participation in the Family Medicine Course, Timișoara;
- January 2004 – Common functional explorations in occupational medicine
- December 2004 – Theoretical and practical aspects in the care of the coronary patient
- December 2004 – Interdisciplinary Aspects in Emergency Medicine, Timișoara;
- January 2005 – Participation in the conference entitled “Theoretical and practical aspects in the treatment of coronary patients”, Timișoara;

- October – 2005: Pain management in inflammatory processes. Current events in pain therapy
- November 2005 – Reconsidering treatment with calcium channel blockers in hypertension
- January 2006 – The role of the physician in the management of the patient with hereditary thrombophilia
- February 2006 – University program with the theme: Power and efficiency in the treatment of musculoskeletal disorders
- March 2006 – Scientific Workshop: Dementia – a challenge for the family doctor
- March 2006 – Field study and cardiovascular risk control in type 2 diabetes mellitus
- March 2006 – Current events in esophagitis pathology
- April 2007 – Microcirculation – a new target in the treatment of hypertension
- March 2007 – Protective therapies in patients with high cardiovascular risk: from medical practice guidelines
- March 2012 – Module 6. – Ethical and safety aspects regarding clinical applications with stem cells, within the Course: Regenerative therapies through cell transplantation, Timișoara
- March 2012 – Module 7. – Notions of tissue bioengineering, within the Course: Regenerative therapies through cell transplantation, Timișoara
- Groza S, Gotia LS, Lungu A, Ianes K, Lighezan D. Implementing student evaluation methods for clinical skills in physiology department. *Physiology*, 2012; supplement: pg.41. The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May, Timisoara, Romania.
- May 2013 - Certificate of completion of the workshop on the topic "COPD - Multifunctional Syndrome"

SCIENTIFIC ACTIVITY

Research Projects: Member of research team: ONCOSTEM Project
 “Genetic engineering of tumor stem cells in the perspective of modulating immune response in non-viral cancers”
 PNII Partnerships Program, Project No. 41-019/2007 (2007–2010).

PUBLICATIONS IN PEER-REVIEWED JOURNALS:

1. Tatu FR, **Groza S**, Bojin MF, Marusciac L, Gavriiliuc OI, Hurmuz M, Tanasie G, Cean A, Tatu CS, Paunescu V. *In vivo* Functional Studies of Human Adult Mesenchymal Stem Cells Migration towards Inflammatory Lesions after Transfection with CD29 Specific siRNA in Mouse Models. *Romanian Biotechnological Letters*, accepted for publication (IF = 0,363).
2. **Groza S**, Anghel S, Cristea M, Tatu C, Tanasie G, Panaitescu C, Gavriiliuc O, Paunescu V, Bojin F. Telomere length changes in alzheimer disease. *Fiziologia - Physiology*, 2014; 24(82): 27-30 (Categorie B+ CNCIS, BDI)
3. **Groza S**, Anghel S, Tatu C, Tanasie G, Panaitescu C, Gavriiliuc O, Paunescu V, Bojin F. Lymphocytes Subsets Involved in Alzheimer Disease-Associated Immunosenescence. *Fiziologia - Physiology*, 2014;
4. Crenguta Livia Calma, **Sabine Stefania Groza**. Body and tail pancreatic tumor – A rare location. A case report. *Journal of Clinical Images and Medical Case Reports*
5. Elena-Larisa Zimbru, Răzvan-Ionuț Zimbru, Florina-Maria Bojin, Sorin Dan Chiriac, Laura Haidar, Minodora Andor, Gabriela Tanasie, Carmen Tatu, Marius Georgescu, Cristina Uța, Camelia-Felicia Bănărescu, **Sabine Groza** and Carmen Panaitescu. Microbiota - Driven Immune Dysregulation Along the Gut- Lung-Vascular Axis in Asthma and Atherosclerosis. *Biomedicines* 2026
6. Groza Sabine Stefania - Practical and theoretical considerations regarding immunological changes in Alzheimer's disease - *Fiziologia - Physiology* • 2024.2(107)