


PERSONAL INFORMATION



RODICA IOANA BĂLAȘA

 Emergency Clinical County Hospital of Târgu Mureș, Neurology 1 Clinic, Gh. Marinescu Street, No. 50, Târgu Mureș (Romania)

 0040265216375

 iipascu@redatronic.ro

Sex Female | Date of birth | Nationality Romanian

WORK EXPERIENCE

- | | |
|--------------|--|
| 2017–Present | Interim Director of Doctoral School (IOSUD)
University of Medicine and Pharmacy, Târgu Mureș, Gh. Marinescu Str., no.38 |
| 2016–Present | University Professor Habil (MENCS order, no. 3708/13.04.2017)
University of Medicine and Pharmacy, Târgu Mureș, Gh. Marinescu Str., no.38 |
| 2015–Present | University Professor
UMF Târgu Mureș, Neurology Discipline, M4 Department, Gh. Marinescu Str., no.38

Complex didactic activity - classes, internships and practical sessions with students from the romanian and english sections, 5th year general medicine, 3rd year balneo and kinetotherapy (BKT), 1st year BKT masterate school, neurology resident doctors (years 1-5) and research (grant director, principal investigator in multicentric studies. |
| 2006–Present | Head of Neurology 1 Clinic (decision no.236/ 2006)
Neurology 1 Clinic, Emergency Clinical County Hospital Târgu Mureș, Gheorghe Marinescu Str, no.50, VIth floor.

Organizational and medical activities of a neurology clinic with 70 beds and over 70 subordinates. |
| 2003–Present | Senior neurologist (Order of MS 846/12.09.2003, no. VIII/d/MB/3107/15.09.2003)
Neurology 1 Clinic, Emergency Clinical County Hospital Târgu Mure, Gheorghe Marinescu Str, no.50, VIth floor.

Clinical activity, regional coordinator of 2 national health programmes. |
| 2005–Present | Discipline headmaster (By the meeting of the UMF Senate Bureau Târgu Mureș, no. 8277 / 24 oct. 2005)
UMF Târgu Mureș, Neurology Discipline, M4 Department, Gh. Marinescu Str., no.38

Guidance and coordination of the university and post-university education. |

EDUCATION AND TRAINING

- | | |
|-----------|--|
| 1984–1988 | Graduate of the Theoretical Lyceum Unirea, Târgu Mureș,
Baccalaureate Diploma, F Series, no. 39184, average grade 9.71 |
| 1988–1994 | General medicine/Doctor, Student/Licence diploma (series and no. M 000515/1994), Head of the promotion, average grade 10 (transcript no. 6633)
UMF Târgu Mureș |

- 1994–1999 **Intern doctor/position 41 out of 1087 (MS adress no. VIII/B/22540/1994)**
National residency contest 1994, University of Medicine and Pharmacy Carol Davila, Bucharest
- 1996–2003 **Doctor in medical sciences PHD (C series, no. 0008787, MEC order no. 4741/25.08.2003), CUM LAUDE in Medicine, Neurology**
UMF Târgu Mureș
- 2000–2003 **Junior neurologist /average grade 10 (MS adress no. VIII/B/GH/8627/10.12.1999)**
Specialist doctor contest 2000, University of Medicine and Pharmacy Iuliu Hașeganu, Cluj-Napoca
- 2006–2006 **Master (MEC diploma, F series, no. 0017884), Security, Health and Work Relations Management**
Lucian Blaga University, Sibiu
- 2003–Present **Primary Physician, average grade 9.77 (MS adress no. VIII/d/MB/3107/15.09.2003)**
Primary Physician contest, 2003, University of Medicine and Pharmacy Carol Davila, Bucharest
- 1995–1998 **Associate Instructor (UMF Târgu Mureș, no.102 / 16.03.1995)**
Neurology Discipline, UMF Târgu Mureș
- 1999–2003 **University Assistant, (UMF Târgu Mureș, no. 4630 /1999)**
Neurology Discipline, UMF Târgu Mureș
- 2004–2007 **Assistant Professor (MEC order no. 9594 / 11.04.2004, UMF Senate decision, Târgu Mureș no. 86/ 2004)**
Neurology Discipline, UMF Târgu Mureș
- 2007–2015 **Associate Professor (decision no.300/13.09.2007)**
UMF Târgu Mureș, Neurology Discipline, M4 Department, Gh. Marinescu Str., no.38
Complex didactic activity - classes, internships and practical sessions with students from the romanian and english sections, 5th year general medicine, 3rd year balneo and kinetotherapy (BKT), 1st year BKT masterate school, neurology resident doctors (years 1-5) and research (grant director, principal investigator in multicentric studies.

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	C2	C2	C2	C2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills earned by my own experience of being an associate professor, by presenting numerous courses, lectures and conferences.

Organisational / managerial skills Head of clinic - Neurology 1 Clinic of the Emergency Clinical County Hospital, Târgu Mureș, Head Master of Neurology Department, Head of the Committee responsible for learning quality in the UMF Târgu Mureș Senate.
Responsible for a team of 7 researchers.
Responsible for Good Clinical Practice guidelines in the Neurology 1 clinic.

Job-related skills A very good knowledge of diagnostic and treatment algorithms in neurological diseases.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Digital competences - Self-assessment grid

Driving licence B

ADDITIONAL INFORMATION

A. Research Grants

I.National research grants won by competition

I.1 National Research Grants – research committees won by competition, project manager:

I.1.1 *The role of cytokines in the imunopathogenesis of multiple sclerosis/autoimmune experimental encephalomyelitis and the evaluation of the immunomodulatory therapy using biomarkers*, COMPETITION FOR COLLECTIVE SCIENTIFIC RESEARCH GRANTS, SESSION 2014, unfolded by UMF Targu Mures, Contract No: 18/2015, amount 90000 RON, run time 2014-2016.

I.1.2 *The role of cytokines in the heterogenous response of patients with multiple sclerosis to the immunomodulatory therapy*, COMPETITION FOR COLLECTIVE SCIENTIFIC RESEARCH GRANTS FINANCED EXCLUSIVELY BY PRIVATE FUNDS, SESSION 2014, unfolded by UMF Targu Mures, Contract No: 16171/2014, amount 23000 RON, run time 2014-2015.

I.1.3 *Regional controlled hypothermia in therapeutical purposes*, CNCISIS cod 1346/2006, amount 65000 RON, run time 2006-2008.

I.2 National Research Grants won by competition, team member:

I.2.1 Grant member in the research grant unfolded by UMF Targu Mures: *The study of chemokine CXCL 13, early diagnostic marker in Lyme neuroborreliosis versus other infections of the nervous system*, COMPETITION FOR SCIENTIFIC RESEARCH GRANTS FUNDED EXCLUSIVELY BY PRIVATE FUNDS, SESSION 2014, unfolded by UMF Targu Mures, Contract No: 13894/2014, amount: 25000 RON, run time: 2014-2015.

I.2.2 Member of the study team in **Grant CNCISIS Capacitati modul I No. 191 (CP/II/2007): A pilot center to monitorize the pharmacotherapy after pharmacokinetic criteria within the Drug Testing Laboratory Univ.Med.Pharm.** Targu Mures (total sum 933000 RON , run time: 2007-2009)

I.2.3 Tehnical expert in the Advanced center of medical and pharmaceutical research, POS CCE-AXA II, Operation 2.2.1, ID18827, Contract No: 659/2014, amount 37000000 RON, run time 2014-2015

II. International research grants – project manager

II.1 *Assessment of IL-17A, IL-10 and TGF- β serum titres in RRMS patients treated with Avonex, possible biomarkers for treatment response and the impact on them of treatment with Avonex*, Contract No: 1442 / 2014, run time: 2014-2015

III. Post doctoral researcher in the project: *Supporting research by training specialists within post-doctoral studies programmes, with the following research theme: Heterogeneous responses of immunomodulatory therapies in patients with MS*. Contract no: POSDRU/89/1.5/S/64109.

IV. National grants applied for, eligible, unfunded

IV.1 Implementing new, modern interventional methods in the treatment of acute ischaemic stroke: from intraarterial thrombolysis to neurorehabilitation. UEFISCSU, Partner programme, competition 2013, PN-II-PT-PCCA-2013-4-0764. Coordinating institution: UMF Targu Mures, amoun 400000 EURO, points: 70.

IV.2 The role of biomarkers in inflammatory processes/degenerative processes in MS: Implications upon the heterogenous MS response and the response to imunomodulatory therapies. Intern competition for collective scientific research grants, session 2013, UMF POS-TGM-CC-13-01-V-01, amount 90000 RON, points: 84.5

B. Bachelor's degrees coordinated

I have coordinated more than 50 medical doctor bachelor's degrees (MD).

C. Member in UMF Committees for Didactic Employment

I have coordinated several committiees for academic employment in UMF Târgu Mureș.

D. National and International postuniversity courses - organisation

1. EFNS Regional Teaching Course, 27-29 sep, 2007, Sovata;
2. Postuniversity lecture: Disorders in deglutition: etiology, diagnostic, treatment, 11-12 aug 2014, UMF Târgu Mureș ;
3. Postuniversity lecture: Neuro-immunology, 20-22 nov 2014, UMF Târgu Mureș .

E. National and international postuniversity courses - participation

I have participated and graduated from more than 30 national and international postuniversity courses.

F. Activity in national and international scientific manifestations

I have presented more than 50 lectures at various national and international conferences.

G. Specialisations abroad

1. Neurology Service of Centre Hospitalier Universitaire Pierre Wertheimer, Lyon, France (March 2012), Prof. Dr. Christian Confavreux;
2. Tysabri Training and workshop at the Kantonspitaal St. Gallen, Switzerland;
3. Neurology Service of Centre Hospitalier Universitaire Tours, France (15th dec 1997 – 3rd May 1998), Prof. Dr. Alain Autret;
4. Neurophysiology Service of LHopital de la Salpetriere Paris, France (1st July 1997 – 2nd August 1997 1 month), Prof. Dr. Pierre Bouche;
5. Neurology Service of Centre Hospitalier Universitaire Tourse, France (2nd April 1997 – 30 Jun 1997), Prof. Dr. Alain Autret.

H. Scientific manifestations

More than 2000 Continuous Medical Education credits

I. Honours and awards

Fellowship of INTERNATIONAL FEDERATION OF CLINICAL NEUROPSYSIOLOGY (IFCN) at th IXth International Congress of EMG and Clinical Neurophysiology, 7-11 September, 1999, Prague, Czech Republic for the paper: Visual evoked potentials modifiers in multiple sclerosis patients, abstract published in: Clin Neurophysiol 1999; 110: S112. IF 2.979, awarded 1000 USD.

J. Membership in scientific committees or international/national scientific societies	<p>International</p> <ul style="list-style-type: none"> - EFNS Subcommittee multiple sclerosis/demyelinating disease of CNS (2008- 2014); - EAN Subspeciality Scientific Panel on multiple sclerosis (2014 - present); - ECTRIMS Council. <p>National</p> <ul style="list-style-type: none"> - Member in directoral committee of Romanian Neurology Society (2012-present)
K. Founding member	<p>Founding member of the Society for the Study of Diabetic Polyneuropathy, Neurodiab, established in 12 may 2012, Cluj Napoca.</p>
L. Positions in UMF Târgu Mureș:	<ol style="list-style-type: none"> 1. Senate member UMF Targu Mures (2012 – present); 2. Evaluation Committee and Study Quality Assurance President in the UMF Senate Tirgu Mures (2012 – present); 3. Member in work committee of UMF Tirgu Mures for obtaining the authorization for medicine in English language (2013 - present); 4. Member in the Ethic Committee in the UMF Senate, Tirgu Mures; 5. Director of the doctoral school (2017 - present).
M. Expert	<p>UEFISCDI 2007-2013</p>
N. Member in redaction committee of scientific journals ISI/B+	<ol style="list-style-type: none"> 1. ISI journals <ul style="list-style-type: none"> - Romanian Journal of Laboratory Medicine (IF 0.171); - Acta Endocrinologica (IF: 0.45); - Archives of Medical Research (IF 2.4); - Expert Review of Neurotherapeutics (IF: 2.834). 2. B+ Journals <ul style="list-style-type: none"> - Acta Medica Marisiensis; - Romanian Journal of Neurology; - The journal of Critical Care Medicine.
O. Member in national/international scientific societies	<p>International</p> <ol style="list-style-type: none"> 1. European Association of Young Neurologists and Trainees (EAYNT) (until 2005); 2. The European Neurological Society (ENS) (2003- 2014) 3. European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS) Council (2009-2012). 4. European Federation of Neurological Societies (EFNS) (2003- 2014) 5. European Academy of Neurology (EAN) 6. Active corresponding member in American Academy of Neurology (AAN) (2007-present) 7. European Stroke Organisation (2013 - present) 8. Society for the study of Neuroprotection and neuroplasticity (2009 - present) <p>National</p> <ol style="list-style-type: none"> 1. Active member in Romanian Society of Neurology (SRN) (1996 - present) 2. Active member in Romanian Society of Stroke (AVC) (1998 - present) 3. Active member in Diabetic Neuropathy Society (Neurodiab) (2010 - present)

P. Regional coordinator of health care programmes	<ol style="list-style-type: none"> 1. National treatment programme in neurological diseases (since it was founded - present) 2. National treatment programme for rare diseases (since it was founded - present)
Q. Member of county and national health committees	<p>National</p> <ol style="list-style-type: none"> 1. Member of the National Committee for MS treatment of the National Health Institution (2005 - present); 2. Member of the Neurology Committee for the Ministry of Health and Family (2008-2011, 2013-2014). <p>County</p> <ol style="list-style-type: none"> 1. President of Neurology Committee of County Medical Institution of Mureș; 2. President of Speciality Teritorial Committee for abroad treatment.
R. International multicentric studies	Principal investigator in numerous international multicentric studies (more than 35), ranging from Stroke treatment to Parkinson's disease and Multiple Sclerosis.
S. Scientific activity - publications	<p>Impact factor for publications: 65.2</p> <ol style="list-style-type: none"> 1. First author/co author for 9 monographies and courses (first author of 5 in the last 5 years); 2. First author/co author for 6 chapters of monographies (first author of 4 in the last 5 years); 3. First author/co author/principal investigator of more than 180 papers/scientific posters from which: <ul style="list-style-type: none"> -12 papers as first author published in extenso in ISI indexed journals (10 in the last 5 years); -8 papers as co author published in extenso in ISI indexed journals in the last 5 years;-9 papers (principal investigator in international studies) published in extenso in ISI indexed journals (7 in the last 5 years);-20 posters presented in International Congresses with abstracts published in ISI indexed journals;-25 papers (first author/co author) published in extenso in CNCSIS B+ journals (15 in the last 5 years);-115 papers (first-author/ co author) presented in National Congresses and published in abstract in CNCSIS B+ indexed journals (68 in the last 5 years).
T. Fields of interest for scientific research	<ol style="list-style-type: none"> 1. Multiple Sclerosis; 2. Cerebrovascular diseases; 3. Parkinson's Disease; 4. Epilepsy.
U. ISI indexed papers published in various speciality journals	<ul style="list-style-type: none"> ■ 1. Bălașa RI, Mihaela S, Voidăzan S, Bărcuțean LI, Bajko Z, Huțanu , Simu I, Maier S. <i>Natalizumab Changes The Peripheral Profile of Th17 Panel in MS Patients: New Mechanisms of action</i>. CNS Neurol Disord Drug Targets 2017; DOI: 10.2174/1871527316666170807130632. IF: 2.188. ■ 2. S Maier, R Bălașa, Z Bajko, I Simu, E Horvath. <i>Complete progressive ophthalmoplegia and numb chin syndrome, the first clinical manifestations of a lethal abdominal Burkitt</i>. Neurologia i Neurochirurgia Polska 2017; accepted for publication. ■ 3. Bălașa R, Maier S, Voidăzan S, Huțanu A, Bajkó Z, Moțățăianu A, Țilea B, Tiu C. <i>Assessment of interleukin-17A, interleukin-10 and transforming growth factor-beta 1 serum titers in relapsing remitting multiple sclerosis patients treated with Avonex, possible biomarkers for treatment response</i>. CNS Neurol Disord Drug Targets 2017; 16: 93-101. IF: 2.188. ■ 4. Maier S, Bajkó Z, Moțățăianu A, Rusu S, Bălașa R. <i>Giant internal carotid artery aneurysm causing Collet-Sicard syndrome</i>. Acta Neurol Belgica 2016; DOI: 10.1007/s13760-016-0644-z. IF: 0.894. ■ 5. Bălașa A Bălașa R, Egyed-Zsigmond I, Chinezu R. <i>Bilateral thalamic glioma: case report and review of the literature</i>. Turk Neurosurg 2016; 26: 321-324. IF: 0.576. ■ 6. Mărginean A, Bălănescu C, Moldovan V, Scridon A, Mărginean M, Bălașa R, Maier S, Țăruși M,

- Dobreanu M. *The impact of CY2C19 polymorphism, clinical and demographic variables on platelet response to clopidogrel evaluated using impedance aggregometry*. Clin Appl Thromb/Hemost 2016; 22: DOI: 10.1177/ 1076029616629211. IF: **2.392**.
- **7.Bălașa R**, Maier S, Voidăzan S, Huțanu A, Bajkó Z, Moțățăianu A. *An intricate mechanism of action of Avonex in relapsing remitting multiple sclerosis patients: variation of serum titre of interleukin-17A, interleukin-10 and transforming growth factor- β* . CNS Neurol Disord Drug Targets 2015; 14: 804-810. IF: **2.702**.
 - **8.Bălașa R**, Maier S, Bajkó Z, Pașcanu I, Moțățăianu A. *Skeletal muscle Na⁺/K⁺-ATPase pump dysfunction in thyrotoxic periodic paralysis: case report*. Acta Endocrinol (Buc) 2015; 11: 240-245. IF: **0.210**.
 - **9.Bălașa R**, Maier S, Bajkó Z, Moțățăianu A, Crișan A, Bălașa A. *Longitudinally extensive transverse myelitis in neuromyelitis optica: a prospective study of 13 Caucasian patients and literature review*. Acta Neurol Belgica 2015; 115: 635-642. IF: **0.598**.
 - **10.Maier S**, Buruiian M, Maier A, Moțățăianu A, Voidăzan S, Bajkó Z, **Bălașa R**. *The determinants of depression in a Romanian cohort of multiple sclerosis patients*. Acta Neurol Belgica 2015; DOI: 10.1007/s13760-015-0547-4. IF: **0.598**.
 - **11.Bajkó Z**, **Bălașa R**, Szatmári S, Rusu S, Moțățăianu A, Maier S. *The role of ultrasound in the diagnosis of temporal arteritis*. Neurol Neurochir Polska 2015; 49: 139-143. IF: **0.641**. Stoian A, Bănescu C, **Bălașa R**, Moțățăianu A, Stoian M, Moldovan VG, Voidăzan S, Dobreanu M. *Influence of GSTM1, and GSTP1 polymorphisms on type 2 diabetes mellitus and diabetic sensorimotor peripheral neuropathy risk*. Dis Markers 2015; ID 638693. IF: **1.562**.
 - **12.Jung I**, Gurzu S, **Bălașa R**, Moțățăianu A, Contac AO, Halmaciu I, Popescu S, Simu I. *A coin-like peripheral small lung carcinoma associated with acute paraneoplastic axonal Guillain-Barré-like syndrome*. Medicine (Baltimore) 2015; 94: e910. IF: **4.256**.
 - **13.Bălașa R**, Maier S, Gliga Baubec E, Bajkó Z, Bălașa A. *Cerebellar and brainstem variant of posterior reversible encephalopathy syndrome*. Acta Neurol Belg 2015; 115: 401-403. IF: **0.598**.
 - **14.Bălașa R**, Bajkó Z, Moțățăianu A, Maier A, Maier S. *Neuromyelitis optica associated with painful dystonia: case report and literature review*. Acta Neurol Belg 2015; 115: 169-171. IF: **0.598**.
 - **15.Bălașa R**, Maier S, Moțățăianu A, Bajkó Z, Moldovan O, Benedek E. *A case of fatal acute intermittent porphyria: laboratory diagnosis and pathogenesis considerations*. Rev Rom Med Lab 2014; 22: 325-333. IF: **0.171**.
 - **16.Treabă AC**, **Bălașa R**, Podoleanu DM, Simu IP, Buruiian MM. *Cerebral lesions of multiple sclerosis: is gadolinium always irreplaceable in assessing lesion activity?* Diagn Interv Radiol 2014; 20: 178-184. IF: **1.427**.
 - **17.Moțățăianu A**, **Bălașa R**, Voidăzan S, Bajkó Z. *Cardiovascular autonomic neuropathy in context of other complications of type 2 diabetes mellitus*. BioMed Res Internat 2013, Article ID 507216. IF: **2.706**.
 - **18.Bălașa R**, Bajkó Z, Huțanu A. *Serum levels of IL-17A in patients with relapsing-remitting multiple sclerosis treated with interferon- β* . Mult Scler J 2013; 19: 885-890. IF: **4.863**.
 - **19.Bălașa R**, Huțanu A, Bajkó Z, Feier C, Pascu I. *Does the serum IL-17 titer influence the efficacy of interferon- β treatment in multiple sclerosis?* Rev Rom Med Lab 2011; 19: 381-389, ISSN 1841-6624, IF: **0.091**.
 - **20.Bălașa R**, Huțanu A, Feier C, Bajkó Z, Pascu I. *Incidence and clinical significance of binding antibodies and their relationships with neutralizing antibodies, both induced by interferon- β treatment in multiple sclerosis patients*. Rev Rom Med Lab 2010; 18: 39-50. IF: **0.113**.