

PERSONAL INFORMATION

BARCUTEAN LAURA IULIA

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POSITION

Doctor în medicină

WORK EXPERIENCE

1 Jan 2014–31 Dec 2017

Medic rezident neurologie

Spitalul Clinic Județean de Urgență Târgu Mureș, Neurologie 1
Gheorghe Marinescu str., no. 50, Tîrgu Mureș, Tîrgu Mureș (Romania)

1 Jan 2018

Medic specialist neurolog

Spitalul Clinic Județean de Urgență Târgu Mureș, Tîrgu Mureș (Romania)
Certificat nr. 1543/29.12.2017

1 Sep 2018–31 Oct 2018

Medic specialist (rotație externă) program ERASMUS

Centre d'Esclerosi Múltiple de Catalunya (Cemcat), Barcelona (Spain)

1 Mar 2018–Present

Asistent Universitar

Universitatea de Medicină, Farmacie, Științe și Tehnologie, Tîrgu Mureș (Romania)

EDUCATION AND TRAINING

2015–Present

Student doctorand

Universitatea de Medicină, Farmacie, Științe și Tehnologie Târgu Mureș, Tîrgu Mureș (Romania)

2007–2013

Absolvent UMFST

Universitatea de Medicină, Farmacie, Științe și Tehnologie
Certificat Seria B/0007973, nr. 23/27.05.2014

PERSONAL SKILLS

Mother tongue(s)

Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Diploma Cambridge					
French	A2	B1	A2	A2	A2
Spanish	B1	B1	A2	A2	A2

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

Digital skills

SELF-ASSESSMENT

Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Independent user

Digital skills - Self-assessment grid

ADDITIONAL INFORMATION

Lucrări publicate ca abstract, prezentate la conferințe naționale și internaționale

1. Barcutean L, Mare A, Biofilmul – Recuperarea și identificare speciilor bacteriene implicate în formarea sa, presented at the National Scientific Congress for Students, Young Physicians and Pharmacists "Marisiensis" Targu Mures. Revista de Medicina și Farmacie, 2010; 56:13-14;
2. Friciu A, Barcutean L, Stolnicu S, Chira L. Value of intraoperative histopathological examination in breast lesions – retrospective study: 2006-2010, presented at the National Scientific Congress for Students, Young Physicians and Pharmacists "Marisiensis" Targu Mures. Acta Medica Marisiensis, 2011; 57:24;
3. Barcutean L, Friciu A, Ilioiu A, Pascanu I. Assessment of fragility fracture risk in osteoporosis – the utility of FRAX model in current practice, presented at the National Scientific Congress for Students, Young Physicians and Pharmacists "Marisiensis" Targu Mures. Acta Medica Marisiensis, 2011; 57:25.
4. Barcutean L, Rocas F, Capalna B. Febrile convulsion or epileptic seizure? Prevalence and assessment of risk factors in infants, presented at the National Scientific Congress for Students, Young Physicians and Pharmacists "Marisiensis" Targu Mures. Acta Medica Marisiensis, 2012; 58:12;
6. Barcutean L, Balasa R. Assessment of risk and benefits of humanized monoclonal antibodies treatment in RR Multiple Sclerosis, presented at the National Scientific Congress for Students, Young Physicians and Pharmacists "Marisiensis" Targu Mures. Acta Medica Marisiensis, 2013; 59:13. Awarded first place.
6. Maier S, Barcutean L, Schiopu B, Balasa R, Consideratii etiopatogenice, imunologice, imagistice si clinice la pacientii cu scleroza multipla recurent remisiva tratati cu Interferon beta 1 A. Presented at The Xth National Conference of Multiple Sclerosis, Iasi, 22-23 october 2015.
7. Barcutean L, Pascu I, Maier S, Motataianu A, Stoian A, Schiopu B, Balasa R, The clinical assess of patients with multiple sclerosis treated with interferon beta 1 b for more than 10 years, The 8th conference of PhD students and the 5th conference of postdoc researchers in Medicine and Pharmacy, Tirgu Mures, Acta Medica Marisiensis 2015; 61:8;
8. Crisan A, Schiopu B, Barcutean L, Balasa R, Multiple Sclerosis presenting with rapidly evolving brain lesions and relapses under treatment, presented at The 8th conference of PhD students and the 5th conference of post-doc researchers in Medicine and Pharmacy, Tirgu Mures. Acta Medica Marisiensis 2015; 61:13;
9. Barcutean L, Maier S, Balasa R, Immunological and clinical considerations in patients with multiple sclerosis treated for a least 10 years with interferon beta-1b. The 9th conference of PhD students and the 6th conference of post-doc researchers in Medicine and Pharmacy, Tirgu Mures. Acta Medica Marisiensis 2016; 62:11;
10. Barcutean L, Rusu S, Macavei I. Cerebral thrombosis of multiple venous sinuses with hemorrhagic transformation, presented at the National Stroke Congress, Revista Romana de STROKE, 2014;1:111;
11. Rusu S, Barcutean L, Macavei I. Study of the incidence of atrial fibrillation in cryptogenic stroke, presented at National Stroke Congress, Revista Romana de STROKE, 2014;1: 112;
12. Bărcuțean L, Știrbu N, Șchiopu B, Moruș V, Balașa R. The importance of differential diagnosis in neuropsychiatric pathology – neurolupus – case presentation, presented at the 13th National Neurology Society congress of Romania, Romanian Journal of Neurology, 2015; XIV: 74-75.
13. Bărcuțean L, Știrbu N, Maier S, Moțățăianu A, Bajko Z, Balașa R. Assessment of disability progression in multiple sclerosis patients treated with interferon β-1b for minimum 10 years, presented at the 13th National Neurology Society congress of Romania,
14. Știrbu N, Bărcuțean L, Alexandrescu A, Balașa R. The importance of early diagnosis of paraneoplastic syndromes – limbic encephalitis – case presentation. presented at the 13th National Neurology Society congress of Romania, Romanian Journal of Neurology, 2015;XIV: 69-70.
15. Schiopu B, Maier S, Bajko Z, Bărcuțean L, Balașa R. Late onset Tay Sachs disease, case report.

presented at the 13th National Neurology Society congress of Romania, Romanian Journal of Neurology, 2015;XIV: 62.

16. Maier S, Maier A, Bajko Z, Motataianu A, Voidazan S, Barcutean L, Balasa R. Evaluation of depression in a large Romanian cohort of multiple sclerosis patients. Presented at The 9th conference of PhD students and the 6th conference of post-doc researchers in Medicine and Pharmacy, Tirgu Mures Acta Medica Marisiensis, 2016;62:59;

17. Morar F, Balasa R, Maier S, Chirobocea S, Barcutean L. Fahr disease – correlation between cerebral lesions and cognitive impairment, Presented at The XIVth National Congress of Neurology Society of Romania. Romanian Journal of Neurology, 2016; XV:46.

18. Bajko Z, Maier S, Motataianu A, Rusu S, Stoian A, Barcutean L, Balasa R. Giant internal carotid artery aneurysm causing Collet-Sicard Syndrome. Presented at The XIVth National Congress of Neurology Society of Romania. Romanian Journal of Neurology, 2016; XV:55-56.

19. Schiopu B, Maier S, Stirbu N, Barcutean L, Balasa A, Balasa R. Primary intracerebral malignant melanoma with leptomeningeal "spinal drop" metastases. Case Report. Presented at The XIVth National Congress of Neurology Society of Romania. Romanian Journal of Neurology, 2016; XV:56-57.

20. Stirbu N, Barcutean L, Schiopu B, Stoian A, Maier S, Balasa R. Neurological manifestations in a fatal case of celiac disease. Case presentation. Presented at The XIVth National Congress of Neurology Society of Romania. Romanian Journal of Neurology, 2016; XV:57.

21. Barcutean L, Maier S, Motataianu A, Schiopu B, Stirbu N, Stoian A, Balasa R. Long time experience using interferon beta-1b for the treatment of multiple sclerosis. Presented at The XIVth National Congress of Neurology Society of Romania. Romanian Journal of Neurology, 2016; XV:57-58

22. Maier S, Stirbu N, Bajko Z, Motataianu A, Barcutean L, Balasa R. Lyme disease presenting as Bannwarth syndrome. Case report. Presented at The XIVth National Congress of Neurology Society of Romania. Romanian Journal of Neurology, 2016; XV:90-91;

23. Andone S, Bajko Z, Romaniuc A, Motataianu A, Stoian A, Maier S, Barcutean L, Balasa R. Cerebral infarction in the posterior limb of the internal capsule, the first clinical manifestation of lupus erythematosus – case presentation. Romanian Journal of Neurology. 2018; 17:30.

24. Bajko Z, Andone S, Maier S, Motataianu A, Barcutean L, Stoian A, Balasa R. The relationship between giant cell arteritis and ischemic stroke and the role of ultrasound in diagnosis. revista romana de stroke 2018; a xxi-a Conferinta Nationala de Stroke (AVC) cu participare internationala 3-5 octombrie 2018, Bucuresti.

25. Motataianu A, Gherman I, Bajko Z, Stoian A, Maier S, Tohanean N, Barcutean L, Balasa R. Favorable outcome after brainstem infarction secondary to a giant thrombosed aneurysm of the basilar artery. Revista Romana de Stroke. 2018. ; A XXI-a Conferinta Nationala de Stroke (AVC) cu participare internationala 3-5 octombrie 2018, Bucuresti.

26. Barcutean L, Maier S, Bajko Z, Motataianu A, Andone S, Romaniuc A, Balasa R. Clinical biomarkers in the evolution of multiple sclerosis treated with interferon beta-1b - benign multiple sclerosis or good treatment responders. Revista Romana de Neurologie. 2019;XVIII:28-29.

27. Maier S, Romaniuc A, Bajko Z, Motataianu A, Stoian A, Barcutean L, Balasa R. Main determinants of quality of life in multiple sclerosis patients. Revista Romana de Neurologie. 2019;XVIII:31.

28. Albu S, Barcutean L, Ichim M, Copotiu M, Chirtes I, Balasa R. An atypical case of pyomyositis following a relapse in a multiple sclerosis patient - a case report. Revista Romana de Neurologie. 2019;XVIII:35-36.

29. Andone S, Bajko Z, Romaniuc A, Motataianu A, Maier S, Barcutean L, Balasa R. Wake-up stroke at a 24 years old patient treated succesful with thrombectomy according to DAWN criteria. Revista Romana de Neurologie. 2019;XVIII:36.

30. Bajko Z, Macavei I, Maier S, Motataianu A, Barcutean L, Stoian A, Andone S, Romaniuc A, Balasa R. Spontaneous multiple cervical artery dissection: case report. Revista Romana de Neurologie. 2019;XVIII:37.

31. Barcutean L, Maier S, Bajko Z, Albu S, Stoian A, Balasa R. A myriad of psychiatric symptoms with an aetiology hidden in auto-immunity - limbic encephalitis with positive voltage gated potassium channel antibodies. Revista Romana de Neurologie. 2019;XVIII:38.

32. Gherman I Bajko Z, Motataianu A, Gothard A, Barcutean L, Marginean L, Balasa R. Acute basilar artery occlusion secondary to intracardiac thrombus successfully treated with thrombectomy in a 20 years old male. Revista Romana de Neurologie. 2019;XVIII:45.

33. Motataianu A, Gherman I, Barcutean L, Bajko Z, Maier S, Stoian A, Balasa R. Pontine cavernoma presenting with consecutive hemorrhage and ischemic stroke in the brainstem - case report. Revista Romana de Neurologie. 2019;XVIII:47.
34. Romaniuc A, Maier S, Bajko Z, Motataianu A, Farcas AM, Stoian A, Andone S, Barcutean L, Balasa R. Posterior reversible encephalopathy syndrome (PRES) associated with eclampsia and pre-eclampsia: case series. Revista Romana de Neurologie. 2019;XVIII:51.
35. Stoian A, Motataianu A, Bajko Z, Andone S, Maier S, Barcutean L, Balasa R. A fatal case of chronic inflammatory demyelinating polyneuropathy with an atypical onset and recurrence - case report. Revista Romana de Neurologie. 2019;XVIII:52.
36. Stoian A, Motataianu A, Bajko Z, Andone S, Maier S, Barcutean L, Balasa R. Different neurological manifestations of Lyme disease - two case reports. Revista Romana de Neurologie. 2019;XVIII:53.

Papers published in abstract in ISI indexed journals and presented at international conferences

1. Maier S, Balasa R, Bajkó Z, Barcutean L, Voidazan S, Motataianu A, Stirbu N. The risk factors for suicidal ideation in a Romanian cohort of multiple sclerosis patients. 32nd Congress of the European Committee for Treatment and Research in Multiple Sclerosis ; 21st Annual Conference of Rehabilitation in MS, London, United Kingdom, 14-17 September, 2016.ECTRIMS Online Library, Eposter P1468.
2. Maier S, Bajkó Z, Moțățăianu A, Bărcuțean L, Voidăzan S, Bălașa R. The effects of smoking on clinical evolution of multiple sclerosis patients treated with first line DMTs. 12nd Congress of European Academy of Neurology, Copenhagen, Denmark, 28-31 May, 2016. Eur J Neurol 2016; 23 (Suppl 1):332. IF: 3.956.

Publications in extenso

ISI

1. Barcutean L, Romaniuc A, Maier S, Bajko Z, Motataianu A, Hutanu A, Simu I, Andone S, Balasa R. Clinical and Serological Biomarkers of Treatment's Response in Multiple Sclerosis Patients Treated Continuously with Interferon β -1b for More than a Decade. CNS Neurological Disorders and Drug Targets. 2018. 17 :780-792. IF 2.084.
2. Bălașa RI, Mihaela S, Voidăzan S, Bărcuțean LI, Bajko Z, Hutanu , Simu I, Maier S. Natalizumab Changes The Peripheral Profile of Th17 Panel in MS Patients: New Mechanisms of action. CNS Neurol Disord Drug Targets 2017; DOI: 10.2174/1871527316666170807130632. IF: 2.188.
3. Stoian A, Horling L, Schiopu A, Barcutean LI, Stoian M, Crauciuc GA, et al. Influence of GSTM1, GSTT1 and GSTP1 gene polymorphisms on the appearance of microalbuminuria in type 2 diabetes mellitus patients. Rev Romana Med Lab. 2016;24(4):440-3. DOI:10.1515/rmlm-2016-0006. IF: 0.325.
4. Bajkó Z, Bălașa R, Moțățăianu A, Bărcuțean L, Stoian A, Stirbu N, Maier S. Malignant middle cerebral artery infarction secondary to traumatic bilateral internal carotid artery dissection. A case report. J Crit Care Med 2016; 2: 135-141.

BDI

1. Moțățăianu A, Bajkó Z, Maier S, Stoian A, Bărcuțean L, Bălașa R. Correlations between the severity of cardiovascular autonomic neuropathy and other complications in type 2 diabetes mellitus. Rom J Neurol 2016; 15: 16-23.
2. Bajkó Z, Maier S, Moțățăianu A, Stoian A, Bărcuțean L, Bălașa R. Repetitive transient ischaemic attacks secondary to a floating carotid artery thrombus in a young patient with essential thrombocythemia. J Cardiovasc Emerg 2016; 2: 188-191.
3. Stoian A, Moțățăianu A, Bajko Z, Maier S, Bărcuțean L, Stoian M, Bălașa RI. Cardiovascular and renal prognosis in patients with arterial hypertension, type 2 diabetes mellitus and microalbuminuria. Human & Veterinary Medicine, International Journal of Bioflux Society. 2016;8:45-49.
4. Moțățăianu A, Bajkó Z, Maier S, Stoian A, Bărcuțean L, Bălașa R. Correlations between the severity of cardiovascular autonomic neuropathy and other complications in type 2 diabetes mellitus.

Rom J Neurol 2016; 15: 16-23, ISSN 1848-8148, cod CNCSIS 768.

5. Andone S, Romaniuc A, Bajko Z, Maier S, Barcutean L, Bălașa R. Case presentation: Unusual Association Between Possible Bilateral Intraventricular Xanthogranulomatosis, Postero-inferior Cerebellar Artery Aneurism and Thrombophilia. Acta Medica Marisiensis 2018; 64 (3): 1-1, DOI: 10.2478/amma-2018-0027

6. Bajko Z, Andone S, Maier S, Motaitanu A, Copotiu M, Romaniuc A, Barcutean L, Stoian A, Balasa R. Infarction of the posterior limb of the internal capsule: The first clinical manifestation of lupus. Rom J Neurol 2018; 17: 168-171

7. Barcutean LI, Maier S, Bajko Z et al. Interferon β -1b for the treatment of multiple sclerosis – more than 10 years of experience. Acta Med Marisiensis. 2019;65:12-18.

Participation at numerous national and international conferences/courses

2014

A IX-a Conferință Națională de Scleroză Multiplă, 24-26 octombrie 2014, Iași

Cel de-al XII-lea Congres al Societății de Neurologie din Romania, 14-17 mai 2014, București

A XVII-a Conferință Națională de Stroke (AVC) cu participare internațională, 15-17 octombrie 2014, Brașov

Cursul post-universitar de Neuroimunologie, 20-22 noiembrie 2014, Târgu Mureș

Cursul post-universitar Tulburări de deglutiție: etiologie, evaluare, tratament, 11-12 august 2014, Târgu Mureș

2015

Al XVIII-lea Congres al Societății de Neurologie din Romania, 6-9 mai 2019, București

Vasculodiab – managementul complicațiilor vasculare cu risc de tromboză la pacienții cu/fără diabet zaharat. 4 iunie 2015, Târgu Mureș

A 10a ediție a școlii de vară de neurologie, 5-9 iulie 2015, Eforie Nord

A Xa Conferință Națională de Scleroză Multiplă, 22-23 octombrie 2015, Iași

8th Conference of PhD students and the 5th conference of post-doc researchers in medicine and pharmacy, 9-10 decembrie 2015, Târgu Mureș

Standalone EURMS (Merck), 8 aprilie 2015, Berlin, Germania

2016

Al XIV-lea Congres Național al Societății de Neurologie din Romania, 19-21 mai 2016, București

Diagnosticul și tratamentul distoniilor neuromusculare, 18 mai 2016, București

EAN Spring School, 12-15 mai 2016, Stare Splavy, Cehia

ILAE-CEA East European Course of Epilepsy, 15-17 iunie 2016, Cheile Grădiștei, Romania

9th conference of PhD students and the 6th Conference of post doc researchers in medicine and pharmacy, 7-8 decembrie 2016, Târgu Mureș

Tratamentul în epilepsie – noțiuni practice, 17 noiembrie 2016, București

Tratamentul în epilepsie, 18-19 noiembrie 2016, București

2017

Al XV-lea Congres Național al Societății de Neurologie din Romania, 10-13 mai 2017, București

Abordarea diagnostică și terapeutică a pacientului cu AVC acut, 10 mai 2017, București

Academy of Knowledge Meeting, 16-17 iunie, Barcelona, Spania

Managementul Pacientului cu Scleroză Multiplă în Romania, 08-09 septembrie 2017, București

10th conference of PhD students and young doctors in medicine and pharmacy, 13-14 decembrie 2017, Târgu Mureș

Zilele Universității de Medicină și Farmacie, 11-15 decembrie 2017, Târgu Mureș

2018

Abordări multidisciplinare ale terapiei în scleroză multiplă, 15 martie 2018, Târgu Mureș

International Congress for Students, Young Physicians and Pharmacists Marisiensis, 28 martie – 1 aprilie 2018, Târgu Mureș

Neuron, 4-6 mai 2018, Târgu Mureș

Forumul Medical Bistrițean, 8-9 iunie 2018, Bistrița Năsăud

8th European Teaching Course on Neurorehabilitation, 29 iunie – 1 iulie 2018, Eforie Nord

A 13a ediție a școlii de vară de neurologie, 2-5 iulie 2018, Eforie Nord

Academy of knowledge, 9-10 noiembrie 2018, Varșovia, Polonia

2019

Biomarkeri serologici și imagistici pentru evaluarea răspunsului terapeutic în scleroza multiplă, 22 martie 2019, Târgu Mureș

Academy of knowledge, 12-13 aprilie 2019, Malmö, Suedia

International Congress for Students, Young Physicians and Pharmacists MARISIENSIS, 27 – 31 martie 2019, Târgu Mureș

Neuron, 10-12 mai 2019, Târgu Mureș

AL XVII-lea Congres al Societății de Neurologie din România, 14-18 mai 2019, București

3rd EAN Task Force Teaching Course for Rare Neurological Diseases, 11-12 iulie 2019, Poiana Brașov

14th international Summer school of Neurology, 8-10 iulie 2019, Poiana Brașov

9th European Teaching Course on Neurorehabilitation, 6-7 iulie 2019, Poiana Brașov

35th Congress of the European Committee for Treatment and Research in Multiple Sclerosis and 24th Annual Conference of Rehabilitation in MS, 11-13 septembrie 2019, Stockholm, Suedia.