

## LISTA LUCRĂRILOR ȘTIINȚIFICE DE SPECIALITATE

### I. TEZA DE DOCTORAT

**Bărcuțean Laura Iulia.** *Heterogenitatea răspunsului imun și evoluția clinică a pacienților cu scleroză multiplă tratați peste o decadă cu interferon beta.* Anul 2019, 191 pagini.

Conducator științific: Prof. Univ. Dr. Rodica Balasa

Universitatea de Medicină, Farmacie, Științe și Tehnologie "George Emil Palade" Târgu Mureș, Facultatea de Medicină

Diploma Seria J/0035756.

Calificativ "**Summa Cum Laude**", Ordinul Ministrului Educației Naționale nr. 5644/30.12.2019

### II. CĂRTI DE SPECIALITATE - AUTOR

1. Bălașa R, Moțățăianu A, Maier S, **Bărcuțean L**, Bajko Z, Romaniuc A, Andone S. *Patologia neurologică cazuri clinice*, Editura University Press Târgu Mureș , 2019, 151 pg, ISBN 978 973 169 617 1, cod CNCSIS 210.

2. Moțățăianu A, **Bărcuțean L**, Maier S, Bălașa A, Mosora O, Fărcaș A. *Îngrijirea medicală în boli neurologice curs pentru asistenți medicali*. Editura University Press Târgu Mureș , 2019, 152 pg, ISBN 978 973 169 618 8, cod CNCSIS 210.

### III. LUCRĂRI ȘTIINȚIFICE DE SPECIALITATE PUBLICATE ÎN EXTENSO ÎN REVISTE INDEXATE ISI

1. Stoian A, Moțățăianu A, **Bărcuțean L**, Maier S, Bajko Z, Voidazan S, Farcas A, Bălașa R. *Understanding the mechanism of action of intravenous immunoglobulins: a ten years' experience in treating Guillain Barre syndrome*. FARMACIA, 2020, Vol. 68, 3. DOI: 10.31925/farmacia.2020.3.7. ISSN: 0014-8237. eISSN 2065-0019. **IF 1.607**

2. Maier S, Simu M, Huțanu A, **Bărcuțean L**, Voidăzan S, Bajko Z, Moțățăianu A, Lata I, Bălașa R. *Clinical Immunological Correlations in Patients with Multiple Sclerosis Treated with Natalizumab*. Brain Sci. 2020 Oct 30;10(11):802. DOI: 10.3390/brainsci10110802. ISSN: 2076-3425. **IF 3.332**

3. Moțățăianu A, Andone S, Radu C, Bajko Z, **Bărcuțean L**, Bălașa A, Voidăzan S, Stoian A, Maier S. *Predictors of Depression in Caucasian Patients with Amyotrophic Lateral Sclerosis in Romania*. Brain Sci. 2020 Jul 22;10(8):470. DOI: 10.3390/brainsci10080470. ISSN: 2076-3425. **IF 3.332**

4. Moțățăianu A, **Bărcuțean L**, Bălașa R. *Neuroimmunity in amyotrophic lateral sclerosis*. Amyotrophic Lateral Sclerosis and Fronto temporal Degeneration 2020, 0: 1-8. DOI:10.1080/21678421.2019.1708949. ISSN 2167-8421, eISSN: 2167-9223. **IF 2.883 (autor corespondent)**
5. Romaniuc A, Bălașa R, Știrbu N, Maier S, Andone S, Bajko Z, **Bărcuțean L**, Voidăzan S, Moțățăianu A. *The Main Determinants for Suicidal Ideation in a Romanian Cohort of Multiple Sclerosis Patients*. Behavioural Neurology. 2020, Article ID 2594702, DOI: 10.1155/2020/2594702. ISSN 0953-4180. eISSN 1875-8584. **IF 1.908**
6. Bălașa R, Maier S, **Bărcuțean L**, Stoian A, Moțățăianu A. *The direct deleterious effect Of Th17 cells in the nervous system compartment in multiple sclerosis and experimental Autoimmune encephalomyelitis: one possible link between neuroinflammation and Neurodegeneration*. Revista Română de Medicină de Laborator 2020, 28(1):9-18. DOI:10.2478/rrlm 20200005. ISSN 1841 6624, e-ISSN 2284 5623. **IF 0.945**
7. Maier S, Moțățăianu A, **Bărcuțean L**, Balint A, Huțanu A, Bajko Z, Stoian A, Romaniuc A, Andone S, Bălașa A. *Interferon  $\beta$  1a, an immunomodulator in relapsing remitting multiple sclerosis patients. The effect on pro--inflammatory cytokines*. Farmacia 2020, 68 (1). DOI:10.3192510.31925/farmacia.2020.1.10, ISSN 0014/farmacia.2020.1.10, ISSN 0014--82378237. **IF 1.527**
8. Moțățăianu A Maier SM, Chinezu L, **Bărcuțean LI**, Voidăzan TS, Bajko Z, Bălașa AF. *Malignant melanoma the most severe skin cancer and neurological pathology*. Romanian Journal of Morphology and Embryology 2019, 60 (4). ISSN 1220 0522; eISSN 2066 8279. **IF 1.411**
9. Bălașa R, **Bărcuțean L**, Bălașa A, Moțățăianu A, Roman-Filip C, Manu D. *The action of TH17 cells on blood brain barrier in multiple sclerosis and experimental autoimmune encephalomyelitis*. Human Immunology. 2020; 81: 237-243. DOI: <https://doi.org/10.1016/j.humimm.2020.02.009>. ISSN: 0198-8859. **IF 1.950**
10. **Bărcuțean LI**, Romaniuc A, Maier S, Bajko Z, Moțățăianu A, Huțanu A, Simu I, Andone S, Bălașa R. *Clinical and Serological Biomarkers of Treatment's Response in Multiple Sclerosis Patients Treated continuously with Interferon $\beta$  1b for More than a Decade*. CNS Neurological Disorders Drug Targets. 2018; 17: 780 792. ISSN 1871 5273, eISSN 1996 3181. DOI:10.2174/1871527317666180917095256. **IF 2.761**
11. Bălașa RI, Mihaela S, Voidăzan S, **Bărcuțean LI**, Bajko Z, Huțanu, 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. eISSN 1996-3181, ISSN 1871-5273. **IF 2.084 (autor corespondent)**
12. Stoian A, Horling L, Șchiopu A, **Bărcuțean LI**, Stoian M, Crauciuc GA, Moțățăianu A *Influence of GST M1, GSTT1 and GSTP1 gene polymorphisms on the appearance of microalbuminuria in type 2 diabetes mellitus patients*. Revista Română de Medicină de Laborator 2016 ;24(4):440 3. ISSN 18416624 , e-ISSN 2284 5623. DOI: 10.1515/rrlm 2016

ISI fără FI

1. 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*. Journal of Cardiovascular Emergencies 2016; 2: 188-191. ISSN 2457-550X. eISSN 2457-5518. DOI: 10.1515/jce-2016-0022.
2. 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*. The Journal of Critical Care Medicine 2016; 2: 135-141. ISSN: 2393-1809. eISSN: 2393-1817. DOI: 10.1515/jccm-2016-0021.

IV. LUCRARI ȘTIINȚIFICE DE SPECIALITATE PUBLICATE ÎN EXTENSO ÎN REVISTE INDEXATE BDI

1. Moțățăianu A, **Bărcuțean LI**, Maier S, Bălașa A, Stoian A. *Cardiac Autonomic Neuropathy in Diabetes Mellitus Patients – Are We Aware of the Consequences?* Acta Marisiensis - Seria Medica 2020; 66 (1); Print DOI: 10.2478/amma-2020-0003. ISSN: 2068 – 3324. Online ISSN: 2668-7763.  
(autor corespondent)
2. Moțățăianu A, **Bărcuțean L**, Gherman I, Maier S, Bajkó Z, Bălașa A. *Cerebellar and brainstem infarction secondary to basilar artery dolichoectasia*. Romanian Journal of Neurology 2019; XVIII (4): 212-216. ISSN 1843-8148. e-ISSN 2069-6094.  
(autor corespondent)
3. **Bărcuțean LI**, Maier S, Bajkó Z, Moțățăianu A, Romaniuc A, Andone S, Bălașa R. *Interferon Beta-1b for the Treatment of Multiple Sclerosis—More than 10 Years of Experience*. Acta Marisiensis-Seria Medica 2019;65(1):12-18. ISSN: 2068 – 3324. Online ISSN: 2668-7763.
4. Bajkó Z, Andone S, Maier S, Moțățăianu A, Copotoiu M, Romaniuc A, **Bărcuțean L**, Stoian A, Bălașa R. *Infarction of the posterior limb of the internal capsule: The first clinical manifestation of lupus*. Romanian Journal of Neurology 2018; 17: 168-171. ISSN 1843-8148. e-ISSN 2069-6094.
5. Andone RS, Romaniuc A, Bajko Z, Maier S, **Bărcuțean L**, Bălașa R. *Case presentation: Unusual association between possible bilateral intraventricular Xanthogranulomas, postero-inferior cerebellar artery aneurysm and thrombophilia*. Acta Medica Marisiensis. 2018; 64:173-176.
6. Stoian A, Bălașa R, **Bărcuțean L**, Moțățăianu A, Mocanu S. *An unusual cause of longitudinally extensive transverse myelitis -case report*. Human & Veterinary Medicine 2017; 9:161-165. ISSN 2066-7663. Online ISSN 2066-7663
7. 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*. Romanian Journal of Neurology 2016; 15:16-23. ISSN 1843-8148. e-ISSN 2069-6094.

8. Stoian A, Moțățăianu A, Bajkó Z, Maier Z, **Bărcuțean L**, Stoian M, Bălașa R. *Cardiovascular and renal prognosis in patients with arterial hypertension, type 2 diabetes mellitus and microalbuminuria*. Human & Veterinary Medicine 2016; 8: 45-49. ISSN 2066-7663. Online ISSN 2066-7663

## V. LUCRĂRI ȘTIINȚIFICE DE SPECIALITATE PUBLICATE ÎN REZUMAT ȘI PREZENTATE LA CONGRESE NAȚIONALE ȘI INTERNAȚIONALE, CU REZUMATE/POSTERE PUBLICATE ÎN REVISTE COTATE ISI

- ❖ **32<sup>nd</sup> Congress of the European Committee for Treatment and Research in Multiple Sclerosis; 21<sup>st</sup> Annual Conference of Rehabilitation in MS, London, United Kingdom, 14-17 September, 2016.**

Maier S, Balasa R, Bajkó Z, **Barcutean L**, Voidazan S, Moțățăianu A, Stirbu N. *The risk factors for suicidal ideation in a Romanian cohort of multiple sclerosis patients*. ECTRIMS Online Library, Eposter P1468. Multiple Sclerosis Journal 2016;22: S3 pg 607, Eposter P1165. ISSN:1352-4585. IF 5.649.

- ❖ **2<sup>nd</sup> Congress of European Academy of Neurology, Copenhagen, Denmark, 28-31 May, 2016.**

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*. European Journal of Neurology 2016; 23 (Suppl 1): 332. ISSN:1468-1331 IF: 3.956.

## VI. LUCRĂRI ȘTIINȚIFICE DE SPECIALITATE PUBLICATE ÎN REZUMAT ȘI PREZENTATE LA CONGRESE NAȚIONALE ȘI INTERNAȚIONALE, CU REZUMATE/POSTERE PUBLICATE ÎN REVISTE COTATE CNCSIS B+, B/C

- ❖ **Days of the University of Medicine and Pharmacy of Târgu Mureș (congres virtual) 7-11 Decembrie 2020**

1. **Bărcuțean L**, Maier S, Moțățăianu A, Bajko Z, Stoian A, Bălașa R. *Benign multiple sclerosis – A theoretical concept or reality?* Book Of Abstract – Scientific Session of University Academic Staff, 2020;3:18. eISSN: 1843-8148.
2. Maier S, **Bărcuțean L**, Voidăzan S, Bajko Z, Moțățăianu A, Stoian A, Bălașa R. *Assessing the determinant factors for fatigue in multiple sclerosis patients*. Book Of Abstract – Scientific Session of University Academic Staff, 2020;3:18. eISSN: 1843-8148.
3. Andone S, Stoian A, Maier S, **Barcutean L**, Balasa R. *Therapeutic Plasma Exchange in progressive multifocal leukoencephalopathy related to therapy with natalizumab*. eISSN: 1843-8148.

❖ **The 18<sup>th</sup> Congress of Romanian Society of Neurology, Bucharest (online) 17 – 19 Noiembrie 2020**

1. **Bărcuțean L**, Manu D, Doboreanu M, Bălașa R. *Efectul patogen al receptorului CCR6+ in scleroza multiplă*. - prezentare in plen
2. **Bărcuțean L**, Maier S, Bălașa R. *Chitinase 3-like-1 – un potențial biomarker pentru scleroza multiplă benignă*. – **prezentare tip poster premiata cu locul 1** in cadrul celui de-al XVIII-lea congress al Societatii de Neurologie din Romania

❖ **Marisiensis, The international Scientific Congress for students, Young doctors and pharmacists. 24oct-13dec (Virtual)**

1. **Bărcuțean L**. Wilson's disease. – prezentare in plen.
2. Furdui I, Balasa R, **Barcutean L**. Optic neuritis as the cardinal symptom for recurrent remissive multiple sclerosis. Acta Marisiensis Seria Medica, 2020: 132. ISSN: 2668-7755.

❖ **Days of the University of Medicine and Pharmacy of Târgu Mureș, 9-14 Decembrie 2019**

1. Moțățăianu A, Bajko Z, Maier S, **Bărcuțean L**, Bălașa R. *Ischemic stroke in patients with active cancer*. Acta Medica Marisiensis 2019; ISSN: 1843-8148.
2. Bajko Z, Maier S, Moțățăianu A, **Bărcuțean L**, Stoian A, Bălașa R. *The role of duplex ultrasound examination in the diagnosis of cervical artery dissections*. Acta Medica Marisiensis 2019; ISSN: 1843-8148.
3. Stoian A, Andone S, Moțățăianu A, Bajko Z, Maier S, **Bărcuțean L**, Bălașa R. *Therapeutic plasma exchange in neurological disorders by using spectra optia apheresis system – a short experience*. Acta Medica Marisiensis 2019; ISSN: 1843-8148.

❖ **The 12th Conference of PhD Students and Young Doctors, 11 Decembrie 2019**

1. **Barcutean L**, Moțățăianu A, Maier S, Bălașa R. *Behind the concept of benign multiple sclerosis*. Acta Medica Marisiensis 2019; 105. ISSN: 1843-8148.
2. Andone S, Stoian A, Bajko Z, Moțățăianu A, Maier S, **Bărcuțean L**, Bălașa R. *Therapeutic plasma exchange in neurological disorders – a single center experience*. Acta Medica Marisiensis 2019;109. ISSN: 1843-8148.

❖ **The 17<sup>th</sup> Congress of Romanian Society of Neurology, Bucharest, 14-18 Mai 2019**

3. Moțățăianu A, Gherman I, **Bărcuțean L**, Bajko Z, Maier S, Stoian A, Bălașa R. *Pontine cavernoma presenting with consecutive hemorrhage and ischemic stroke in the brainstem-case report*. Rom J Neurol 2019; 18:47. ISSN:1843-8148 .
4. Bajko Z, Macavei I, Maier S, Moțățăianu A, **Barcutean L**, Stoian A, Andone S, Romaniuc A, Balasa R. *Spontaneous multiple cervical artery dissection: case report*. Rom J Neurol 2019; 18:37. ISSN: 1843-8148.
5. Andone S, Bajko Z, Romaniuc A, Moțățăianu A, Maier S, **Bărcuțean L**, Bălașa R. *Wake-up stroke at a 24-year-old patient treated successful with thrombectomy according to DAWN criteria*. Rom J Neurol 2019; 18:36. ISSN: 1843-8148.

6. Maier S, Romaniuc A, Bajko Z, Moțățăianu A, Stoian A, **Bărcuțean L**, Bălașa R. *Main determinants of quality of life in multiple sclerosis patients*. Rom J Neurol 2019; 18:31. ISSN: 1843-8148
7. **Bărcuțean L**, Maier S, Bajko Z, Moțățăianu A, Andone S, Romaniuc A, Bălașa R. *Clinical biomarkers in the evolution of multiple sclerosis treated with interferon beta1b-benign multiple sclerosis or good treatment responders*. Rom J Neurol 2019; 18:28. ISSN: 1843-8148.
8. Romaniuc A, Maier S, Bajko Z, Moțățăianu A, Farcas AM, Stoian A, Andone S, **Bărcuțean L**, Bălașa R. *Posterior reversible encephalopathy syndrome (PRES) associated with eclampsia and pre-eclampsia: case series*. Rom J Neurol 2019; 18: 51. ISSN: 1843-8148.
9. Stoian A, Moțățăianu A, Bajko Z, Andone S, Maier S, **Bărcuțean L**, Bălașa R. *A fatal case of chronic inflammatory demyelinating polyneuropathy with an atypical onset and recurrence-case report*. Rom J Neurol 2019; 18: 52. ISSN: 1843-8148.
10. Stoian A, Moțățăianu A, Bajko Z, Andone S, Maier S, **Bărcuțean L**, Bălașa R. *Different neurological manifestations of Lyme disease-two case reports*. Rom J Neurol 2019; 18:53. ISSN: 1843-8148.
11. Albu S, **Bărcuțean L**, Ichim M, Copotoiu M, Chirteș I, Bălașa R. *An atypical case of pyomyositis following a relapse in a multiple sclerosis patient – case report*. Rom J Neurol 2019; 18:35. ISSN: 1843-8148
12. **Bărcuțean L**, Maier S, Bajko Z, Albu S, Stoian A, Bălașa R. *A myriad of psychiatric symptoms with an etiology hidden in auto-immunity – limbic encephalitis with positive voltage-gated potassium channel antibodies*. Rom J Neurol 2019; 18:38. ISSN: 1843-8148.
13. Gherman I, Bajko Z, Moțățăianu A, Gothard A, **Bărcuțean L**, Mărginean L, Bălașa R. *Acute basilar artery occlusion secondary to intracardiac thrombus successfully treated with thrombectomy in a 20 year-old male*. Rom J Neurol 2019; 18:45. ISSN: 1843-8148.

❖ **The 11th Conference of PhD Students and Young Doctors, 11 Decembrie 2018**

1. **Bărcuțean L**, Andone S, Romaniuc A, Maier S, Bajko Z, Bălașa R. *Sex-based differences of multiple sclerosis patients treated with interferon beta-1b – an analysis of the peripheral immune panel*. Book of Abstracts 131. ISSN 2602-1609.

❖ **The 16<sup>th</sup> Congress of Romanian Society of Neurology, Bucharest, 8-12 Mai 2018.**

1. Andone S, Bajko Z, Romaniuc A, Moțățăianu A, Stoian A, Maier S, **Bărcuțean L**, Bălașa R. *Cerebral infarction in the posterior limb of the internal capsule, the first clinical manifestation of lupus erythematosus – case presentation*. Rom J Neurol 2018; 17 (Suppl); 1843-8148.

❖ **A-XXI-a Conferinta Nationala de Stroke (AVC) cu participare internatională  
3-5 Octombrie 2018, Bucuresti**

1. Bajko Z, Andone S, Maier S, Moțățăianu A, **Bărcuțean L**, Stoian A, Bălașa R. *The relationship between giant cell arteritis and ischemic stroke and the role of ultrasound in diagnosis*. Revista Romana de Stroke, pg 16, ISBN 1582-3172.

2. Moțățăianu A, Gherman I, Bajko Z, Stoian A, Maier S, Tohănean N, **Bărcuțean L**, Bălașa R. *Favorable outcome after brainstem infarction secondary to a giant thrombosed aneurysm of the basilar artery*. Revista Romana de Stroke, pg 73, ISBN 1582-3172.

❖ **The 15<sup>th</sup> Congress of Romanian Society of Neurology, Bucharest, 10-13 Mai 2017.**

1. Andone S, Macavei I, Bajko Z, Maier S, Moțățăianu A, Stoian A, **Bărcuțean L**, Albu C, Havas N, Bălașa R. *Creutzfeldt-Jakob's disease – care presentation*. Rom J Neurol 2017; 16 (Suppl): 49. ISSN: 1843-8148.
2. **Bărcuțean L**, Bajko Z, Moțățăianu A, Maier S, Stoian A, Romaniuc A, Tohănean N, Bălașa R. *Clinical impact upon disability progression in multiple sclerosis patients treated with interferon-beta over a decade of experience*. Rom J Neurol 2017; 16 (Suppl): 53. ISSN: 1843-8148.
3. Suci T, Stoian A, Coroeanu A, Moldovan E, **Bărcuțean L**, Bajko Z, Maier S, Bălașa R. *Amyloid neuropathy – case presentation*. Rom J Neurol 2017; 16 (Suppl): 83-84. ISSN: 1843-8148.
4. Vasiliu S, Bajko Z, Maier S, Moțățăianu A, **Bărcuțean L**, Stoian A, Coroeanu A, Andone S, Bălașa R. *Traumatic internal carotid artery dissection – case presentation*. Rom J Neurol 2017; 16 (Suppl): 85. ISSN: 1843-8148.

❖ **Days of the University of Medicine and Pharmacy of Târgu Mureș, 8-9 December 2016. Scientific Session of University Educational Staff.**

1. Maier S, Maier A, Bajko Z, Moțățăianu A, Voidazan S, **Barcutean L**, Bălașa R. *Evaluation of depression in a large Romanian cohort of multiple sclerosis patients*. Acta Medica Marisiensis 2016;62(8):59. ISSN: 2068-3324.
2. Bălașa R, Hutanu A, Voidazan S, Moțățăianu A, **Barcutean L**, Bajko Z, Maier S. *Interleukin 17- a predictive biomarker of treatment response to interferon-beta in multiple sclerosis patients*. Acta Medica Marisiensis 2016; 62(8):60. ISSN: 2068-3324.

❖ **The 14<sup>th</sup> Congress of Romanian Society of Neurology, Bucharest, 18– 21 Mai 2016.**

1. Bajkó Z, Maier S, Moțățăianu A, S Rusu, A Stoian, **Bărcuțean L**, R Bălașa. *Giant internal carotid artery aneurysm causing Collet-Sicard syndrome*. Rom J Neurol 2016; 14 (Suppl 1): 55-56. ISSN: 1843-8148.
2. Maier S, Știrbu N, Bajkó Z, Moțățăianu A, **Bărcuțean L**, Bălașa R. *Lyme disease presenting as Bannwarth syndrome. Case report*. Rom J Neurol 2016; 14 (Suppl 1): 90-91. ISSN: 1843-8148.
3. Stoian A, Moțățăianu A, Maier S, Știrbu N, **Bărcuțean L**, Havas N, Bajkó Z, Bălașa R. *Neurologic presentation in multiple myeloma: two cases report*. Rom J Neurol 2016; 14 (Suppl 1): 91. ISSN: 1843-8148.
4. Morar F, Bălașa R, Maier S, Chirobocea S, **Bărcuțean L**. *Fahr's disease – correlation between cerebral lesions and cognitive impairment*. Rom J Neurol 2016; 14 (Suppl 1): 46. ISSN: 1843-8148.

5. Şchiopu-Mariean B, Maier S, Ştirbu N, **Bărcuţean L**, Bălaşa A, Bălaşa R. *Primary intracerebral malignant melanoma with leptomeningeal Spinal Drop Metastases – case report*. Rom J Neurol 2016; 14 (Suppl 1): 56. ISSN: 1843-8148.
6. Ştirbu N, **Bărcuţean L**, Şchiopu B, Stoian A, Maier S, Bălaşa R. *Neurological manifestations in a fatal case of celiac disease – case presentation*. Rom J Neurol 2016; 14 (Suppl 1): 57. ISSN: 1843-8148.
7. **Bărcuţean L**, Maier S, Moţăţăianu A, Şchiopu B, Ştirbu N, Stoian A, Bălaşa R. *Long time experience using interferon beta-1b for the treatment of multiple sclerosis*. Rom J Neurol 2016; 14 (Suppl 1): 57-58. ISSN: 1843-8148.

❖ **The 9th Conference of PhD Students and Young Doctors, 7 Decembrie 2016**

1. **Bărcuţean L**, Maier S, Bălaşa R. Immunological and clinical correlations in patients with multiple sclerosis treated for at least 10 years with interferon beta-1b. Acta Medica Marisiensis 2016; 62:11. ISSN: 2068-3324.

❖ **The 8th Conference of PhD Students and Young Doctors, 9-10 Decembrie 2015**

1. **Bărcuţean L**, Pascu I, Maier S, Moţăţăianu A, Stoian A, Şchiopu B, Bălaşa R. The clinical assess of patients with multiple sclerosis treated with interferon beta-1b for more than 10 years. Acta Medica Marisiensis 2015;61:8. ISSN: 2068-3324.
2. Crişan A, Şchiopu B, **Bărcuţean L**, Bălaşa R. Multiple sclerosis presenting with rapidly evolving brain lesions and relapses under treatment. Acta Medica Marisiensis; 61:13. ISSN 2068-3324.

❖ **The 13<sup>th</sup> Congress of Romanian Society of Neurology, Bucharest, 06 – 09 Mai 2015.**

1. Şchiopu-Mariean B, Maier S, Bajkó Z, **Bărcuţean L**, Bălaşa R. *Late onset Tay-Sachs disease – care report*. Rom J Neurol 2015; 14 (Suppl 1): 62, ISSN 1843-8148.
2. **Bărcuţean L**, Ştirbu N, Maier S, Motataianu A, Bajko Z, Balasa R. *Assessment of disability progression in multiple sclerosis patients treated with interferon beta 1b for minimum 10 years*. Rom J Neurol 2015; 14 (Suppl 1): 70, ISSN 1843-8148.
3. Maier S, Bajkó Z, Moţăţăianu A, **Bărcuţean L**, Bălaşa R. *Depression in multiple sclerosis*. Rom J Neurol 2015; 14 (Suppl 1): 79-80. ISSN 1843-8148.
4. Ştirbu N, **Bărcuţean L**, Alexandrescu A, Bălaşa R. *The importance of early diagnosis of paraneoplastic syndromes – limic encephalitis – case presentation*. Rom J Neurol 2015; 14 (Suppl 1): 69-70. ISSN 1843-8148.
5. **Bărcuţean L**, Ştirbu N, Şchiopu B, Moruş V, Bălaşa R. *The importance of differential diagnosis in neuropsychiatric pathology – neurolupus – case presentation*. Rom J Neurol 2015; 14 (Suppl 1): 74-15. ISSN 1843-8148.

❖ **Days of the University of Medicine and Pharmacy of Târgu Mureş, 7-11 Decembrie 2015. Scientific Session of University Educational Staff.**

1. Maier S, Bajko Z, Moţăţăianu A, **Bărcuţean L**, Bălaşa R. *Cognitive impairment and depression in multiple sclerosis patients – a bidirectional relationship*. Acta Medica Marisiensis 2015;61 (Suppl 8):80. ISSN 2068-3324.



## VII. LUCRARI STIINTIFICE DE SPECIALITATE PREZENTATE LA CONGRESE NATIONALE SI INTERNATIONALE, NEINDEXATE

### ❖ The 11th Conference of PhD Students and Young Doctors, 11 dec 2018

1. **Bărcuțean L**, Maier S, Bălașa R. *The immune response in multiple sclerosis patients treated with interferon beta-1b for more than a decade*. Abstract Book, 12.

### ❖ A XXIV-a Conferință SRIE, „Tratamentul în epilepsie”, 17-19 Noiembrie 2016, București

1. **Bărcuțean L**, Petruțiu S. *Displazie focală corticală cu crize epileptice focale rezistente la tratament – prezentare de caz*.

### ❖ A X-a Conferință Națională de Scleroză Multiplă cu participare internațională, 22-23 Octombrie 2015, Iași

1. Maier S, **Bărcuțean L**, Șchiopu B, Bălașa R. *Considerații etiopatogenice, imunologice, imagistice și clinic la pacienții cu scleroză multiplă recurent remisivă tratați cu Interferon beta-1A*.