

LISTA LUCRĂRILOR .pdf

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LISTA LUCRĂRILOR ȘTIINȚIFICE DE SPECIALITATE

I. Teza de Doctorat.

1. **Bălașa R.** *Studiul comparativ între aspectele potențialelor evocate și imaginile prin rezonanță magnetică în nevrita optică și scleroza multiplă.* Anul 2003, 355 pg.
Conducător științific: Prof. Dr. Ion Pascu.
Universitatea de Medicină și Farmacie Târgu Mureș, Facultatea de Medicină
Calificativul obținut: „*Cum Laude*”.

II. Cărți de specialitate.

1. **Bălașa R**, Moțățăianu A, Bălașa A. *Curs de neurologie*, Vol I. Editura University Press Târgu Mureș, 2015, 280 pg, ISBN 978-973-169-452-1, cod CNCIS 210.
2. **Bălașa R**, Maier S, Moțățăianu A, Bajkó Z, Bălașa A. *Curs de neuroreabilitare*. Editura University Press Târgu Mureș, 2014, 178 pg, ISBN 978-973-297-5, cod CNCIS 210.
3. Bălașa A, Chinezu R, **Bălașa R**, Chinezu L. *Curs de neurochirurgie*. Editura University Press Târgu Mureș, 2014, 143 pg, ISBN 978-973-169-313-2, cod CNCIS 210.
4. **Bălașa R.** *Major neurological syndromes*. Editura University Press Târgu Mureș, 2012, 252 pg, ISBN 978-973-169-191-6, cod CNCIS 210.
5. **Bălașa R.** *Nervii cranieni*. Editura University Press Târgu Mureș, 2010, 248 pg, ISBN 978-973-169-122-0, cod CNCIS 210.
6. Bălașa A, **Bălașa R.** *Tumorile spinale: clinică, imagistică, tratament chirurgical (DVD)*, Editura University Press Târgu Mureș, 2008, ISBN 978-973-169-036-0, cod CNCIS 210.
7. **Bălașa R**, Pascu I. *Sindroame neurologice majore*. Editura University Press Târgu Mureș, 2006, 206 pg, ISBN 978-973-7665-34-8, cod CNCIS 210.
8. Pascu I, **Bălașa R.** *Neuropatia diabetică*. Editura University Press Târgu Mureș, 2006, 105 pg, ISBN 978-973-7665-08-9, cod CNCIS 210.
9. Pascu I, **Bălașa R.** *Scleroza multiplă*. Editura University Press Târgu Mureș, 1999, 163 pg, ISBN 973-98753-0-0, cod CNCIS 210.

III. Capitole de specialitate în volume colective.

1. **Bălașa R.** *Afecțiuni neurologice cu manifestări oculare.* În: *Compendiu de patologie oftalmologică (editor Marieta Dumitrache)*, Editura Medicală, București, 2015, pg 451-470, ISBN 978-973-39-0795-4, cod CNCIS 167.

2. **Bălașa R.** *Sindroame neurologice cu manifestări oculare.* În: *Sindroame și boli sistemice cu manifestări oculare* (editor Marieta Dumitrache), Editura Medicală, București, 2014, pg 413-443, ISBN 978-973-39-0769-5, cod CNCIS 167.
3. **Bălașa R.** *Nevrita optică și scleroza multiplă.* În: *Neurooftalmologie* (editor Marieta Dumitrache), Editura Universitară Carol Davila, București, 2013, pg 351-376 ISBN 978-973-708-629-7, cod CNCIS 114.
4. **Bălașa R, Pascu I.** *Atacurile cerebrovasculare.* În: *Managementul bolnavului critic, vol III* (editori Chioreanu M, Copotiu SM, Azamfirei L), Editura University Press, Târgu Mureș, 2006, pg 33-65, ISBN 973-7788-78-8, cod CNCIS 210.
5. **Bălașa R, Pascu R, Pascu I.** *Infecțiile intracraniene.* În: *Managementul bolnavului critic, vol III* (editori Chioreanu M, Copotiu SM, Azamfirei L), Editura University Press, Târgu Mureș, 2006, pg 67-94, ISBN 973-7788-78-8, cod CNCIS 210.

IV. Lucrări științifice de specialitate publicate în extenso în reviste cotate ISI

1. **Bălașa R, Maier S, Voidăzan S, Huțanu A, Bajkó Z, Moțățăianu A, Țilea B, Tiu C.** *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.* CNS Neurol Disord Drug Targets 2016; 15: 000-000. **IF: 2.628.**
2. **Maier S, Bajkó Z, Moțățăianu A, Rusu S, Bălașa R.** *Giant internal carotid artery aneurysm causing Collet-Sicard syndrome.* Acta Neurol Belgica 2016; DOI: 10.1007/s13760-016-0644-z. **IF: 0.894.**
3. **Bălașa A Bălașa R, Egyed-Zsigmond I, Chinezu R.** *Bilateral thalamic glioma: case report and review of the literature.* Turk Neurosurg 2016; 26: 321-324. **IF: 0.576.**
4. **Mărginean A, Bănescu C, Moldovan V, Scridon A, Mărginean M, Bălașa R, Maier S, Țăruși M, Doboreanu 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.**
5. **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.**
 - *Articol citat în:*
 - Vaillant AAJ, Mohamed W, Vuma S, et al. *Autoimmunity in neurological and psychiatric disorders: Participation of antibodies and cytokines in the immunopathogenesis of these diseases.* Immun Res 2015; 11: DOI: 10.4172/1745-7580.1000089.
6. **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.**

7. **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.**
8. 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.**
9. Bajkó Z, **Bălașa R**, Szatmári S, Rusu S, Moțățaianu A, Maier S. *The role of ultrasound in the diagnosis of temporal arteritis*. Neurol Neurochir Polska 2015; 49: 139-143. **IF: 0.641. autor corespondent**
 - *Articol citat în:*
 - Cristaudo AT, Mizumoto, Hendahewa R. *The impact of temporal artery biopsy on surgical practice*. Ann Med Surg 2016; 11: 47-51. **IF: 0.221.**
10. 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.**
 - *Articol citat în:*
 - Mergani A, Mansour AA, Askar T, et al. *Glutathione S-Transferase Pi-Ile 105 val polymorphism and susceptibility to T2DM in population from Turbah region of Saudi Arabia*. Biochem Genet 2016; 54: 544-551. **IF: 0.952.**
 - Dong QY, Liu XM, Liang CG, et al. *Association between -1082G/A, -819C/T, and -592C/A genetic polymorphism in IL-10 and risk of type 2 diabetes mellitus in a Chinese population*. Genet Mol Res 2016, DOI: 10.4238/gmr.15038559. **IF: 0.980.**
 - Cilenšek I, Ramuš SM, Prtrovič MG, et al. *Oxidative stress biomarkers for diabetic retinopathy and medical management affecting oxidative stress*. In: Wang M, Witzmann FA. *Role of biomarkers in medicine*. INTECH 2016: 71-92.
 - Tabrez MAJ, Jamil K, Joshi S, et al. *Association of genetic polymorphisms in GSTT1, GSTM1 genes in patients with diabetic retinopathy and nephropathy in Sous Indian population*. World J Pharm Pharmaceut Sci 2016; 5: 1243-1257. **IF: 6.041.**
 - Politi C, Ciccacci C, D'Amato C, et al. *Recent advances in exploring the genetic susceptibility to diabetic neuropathy*. Diab Res Clin Pract 2016; 120: 198-208. **IF: 3.045.**
11. 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.**

- *Articol citat în:*
 - Gurzu S, Molnar C, Contac AO, et al. *Tuberculosis terminal ileitis: A forgotten entity mimicking Crohn's disease*. World J Clin Cases 2016; 4: 273-280.
 - Kim MH, Hwang MS, Park YK, et al. *Paraneoplastic Guillain-Barré syndrome in small cell lung cancer*. Case Rep Oncol 2015; 8: 295-300.
- 12. 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.**
 - *Articol citat în:*
 - Lee JJ, Cho S, Park JM. *A case of hypertensive brain encephalopathy presenting with severe headache and unilateral hearing loss*. J Neurol Sci 2015; 355: 21-212. IF: 2.262.
- 13. 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.**
 - *Articol citat în:*
 - Rodriguez-Quiroga SA, Abaroa L, Arkaki T, et al. *Commentary on neuromyelitis optica associated with painful paroxysmal dystonia: case report and literature review*. Acta Neurol Belg 2015; 115: 523-524. IF: 0.598.
- 14. 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.**
- 15. 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.**
- 16. 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.**
 - *Articol citat în:*
 - Rothberg LJ, Lees T, Clifton-Bligh R, et al. *Association between heart rate variability measures and blood glucose levels: Implications for noninvasive glucose monitoring for diabetes*. Diab Technol Ther 2016; 18: 366-376. IF: 2.198.
 - Burakgazi Az, AlMahameed S. *Cardiac involvement in peripheral neuropathies*. Clin Neuromusc Dis 2016; 17: 120-128. IF: 0.550.
 - Bassi D, Arakelian VM, Mendes RG, et al. *Poor glycemic control impacts linear and non-linear dynamics of heart rate in DM type 2*. Rev Brasil Med Esporte 2015; 21: 313-317. IF: 0.288.

- Witzel II, Jelinek HF, Khalaf K, et al. *Identifying common genetic risk factors of diabetic neuropathies*. Front Endocrin 2015; 6: Article 88.
 - Waqar F, Gerson MC. *Cardiac sympathetic imaging in the diagnosis of cardiac autonomic neuropathy in pre-diabetes*. J Nucl Cardiol 2015; DOI: 10.1007/s12350-015-0082-y. **IF: 2.940.**
 - Salci MA. *Atenção primária à saúde e a proveniência das complicações crônicas às pessoas com diabetes melitus à luz da complexidade*. Doctoral Thesis, Universidade Federal De Santa Catarina 2015, Florianópolis, Brasil.
- 17. 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.**
- *Articol citat în:*
- Schofield C, Fisher SK, Townsend M, et al. *Characterization of IL-17AA and IL-17FF in rheumatoid arthritis and multiple sclerosis*. Bioanalysis 2016; 8: 2317-2327. **IF: 2.813.**
 - Havrdova E, Belova A, Gologorodko A, et al. *Activity of secukinumab, an anti-IL-17A antibody, on brain lesions in RRMS: results from a randomized, proof-of-concept study*. J Neurol 2016; 263: 1287-1295. **IF: 3.408.**
 - Lebrun C, Cohen M, Pignolet B, et al. *Interleukin 17 alone is not a discriminant biomarker in early demyelinating spectrum disorders*. J Neurol Sci 2016; 368: 334-336. **IF: 2.126.**
 - Severa M, Rizzo F, Giacomini E, et al. *IFN- β therapy regulates TLR7-mediated response in plasmacytoid dendritic cells of multiple sclerosis patients influencing an anti-inflammatory status*. J Interferon Cytokine Res 2015; 35: 668-681. **IF: 2.000.**
 - Tabarkiewicz J, Pogoda K, Karczmarczyk A, et al. *The role of IL-17 and Th-17 lymphocytes in autoimmune diseases*. Arch Immunol Ther Exp 2015; 63: 435-449. **IF: 3.176.**
 - Milosevic E, Djumovic I, Markovic M, et al. *Higher expression of IL-12R β 2 is associated with lower risk relapse in relapsing-remitting multiple sclerosis patients on interferon- β 1b therapy 3-year follow-up*. J Neuroimmunol 2015; 287: 64-70. **IF: 2.467.**
 - Raphael I, Webb J, Stüve O, et al. *Body fluid biomarkers in multiple sclerosis: how far we have come and how they could affect the clinic now in the future*. Expert Rev Clin Immunol 2015; 11: 69-91. **IF: 3.342.**
 - Grine L, Dejager L, Libert C, et al. *An inflammatory triangle in psoriasis: TNF, type I IFNs and IL-17*. Cytokine & Growth Factor Rev 2015; 26: 25-33. **IF: 5.357.**

- Severa M, Rizzo F, Giacomini E, et al. *IFN- β and multiple sclerosis: Cross-talking of immune cells and integration of immunoregulatory networks*. Cytokine Growth Factor Rev 2015; 26: 229-239. **IF: 5.357.**
- Wang K-C, Lin K-H, Lee T-C, et al. *Poor responses to interferon-beta treatment in patients with neuromyelitis optica and multiple sclerosis with long spinal cord lesions*. PLOS ONE 2014; 9: e98192. **IF: 3.534.**
- Koda T, Okono T, Takata K, et al. *Sema 4A inhibits the therapeutic effect of IFN- β in EAE*. J Neuroimmunol 2014; 268: 43-49. **IF: 2.786.**
- Dimisianos N, Rodi M, Kalavrizioti D, et al. *Cytokines as biomarkers of treatment response to IFN- β in relapsing-remitting multiple sclerosis*. Mult Scler Internat 2014, Article ID 436764.
- Niino M, Miyazaki Y. *Individualizing therapy for multiple sclerosis: a focus on disease-modifying drugs*. Clin Pract (Future Medicine) 2014; 11: 105-115.
- Ding M, Song X, Zhao J, et al. *Activation of Th17 cells in drug naïve, first episode schizophrenia*. Progr Neuro-Psychopharmacol Biol Psychiatry 2014; 51: 78-82. **IF: 4.025.**
- Steinman L. *Inflammatory cytokines at the summits of pathological cascade in brain lesions*. Sci Signal 2013; 6: issue 258 pe3. **IF: 6.337.**
- Gavasso S. *Evaluation of interferon-beta neutralizing antibodies in individual patients with multiple sclerosis based on phosphor-specific cytometry*. Doctoral Thesis, Bergen Res Arch 2013, Norway.
- Nakatsuji Y, Okono T, Koda T, Takata K, et al. *Roles of Sema 4A in multiple sclerosis and interferon-beta therapy efficacy*. Clin Exp Neuroimmunol 2013; 4: 274-282.
- Zhang X, Yin R, Zhang Z, et al. *Th17-mediated relapsing-remitting multiple sclerosis in nonresponsive to interferon- β 1b*. Chin J Cell Mol Immunol 2013; 29: 751-753.

18. 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.**

➤ *Articol citat în:*

- D'Ambrosio A, Pontecorvo S, Colasanti T, et al. *Peripheral blood biomarkers in multiple sclerosis*. Autoimmun Rev 2015; 14: 1097-1110. **IF: 8.490.**
- Balasa R, Mayer S, Voidazan S, et al. *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.**

- Hartung HP, Steinman L, Goodin DS, et al. *Interleukin-17F level and interferon-beta response in patients with multiple sclerosis*. JAMA Neurol 2013; 70: 1017-1021, **IF: 7.580**.
- Balasa R, Bajkó Z, Hutanu 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, 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**.

V. Lucrări științifice de specialitate publicate în extenso în reviste cotate ISI fără factor de impact

1. 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.

VI. Lucrări științifice de specialitate publicate în extenso în reviste cotate CNCSIS B+

- 1. . Băjenaru O, Antochi F, Bălașa R, Buraga I, Patrichi S, Simu M, Szatmári S, Tiu C, Zaharia C, et VTE-NEURO study group.** *Assessment of venous thrombolism prophylaxis in neurological patients with restricted mobility – VTE-NEURO study*. Mădica J Clin Med (Buc) 2014; 9: 6-14.
- 2. Bajkó Z, Bălașa R, Moțățăianu A, Maier S, Chebuț OC, Szatmári S.** *Common carotid artery occlusion: a case series*. ISRN Neurol 2013, Article ID 198595.
 - *Articol citat în:*
 - Moghaddasi M, Javanmard SH, Reisi P, Tajadini M, Taati M. *The effect of regular exercise on antioxidant enzyme activities and lipid peroxidation levels in both hippocampi after occluding one carotid in rat*. J Physiol Sci 2014; 64: 325-332. **IF: 1.248**.
 - Polycarpou A, Hricisák L, Iring A, et al. *Adaptation of the cerebrocortical circulation to carotid artery occlusion involves blood flow redistribution between cortical regions and is independent of eNOS*. Am J Physiol Heart Circ Physiol 2016; 311: H972-H980. **IF: 2.610**.
- 3. Bajkó Z, Bălașa R, Maier S, Moțățăianu A, Treabă A, Macarie I, Gârbovan C, Chiriac C.** *Listeria monocytogenes meningoencephalitis mimicking stroke in a patient with chronic lymphocytic leukemia*. Neurol & Ther 2013; 2: 63-70, ISSN 2193-6536.
 - *Articol citat în:*
 - Nabavizadeh SA, Stein J, Mohan S. *Neuroimaging in leukemia*. Hematol Oncol Clin North Am 2016; 30: 823-842.

4. Maier S, Stirbu N, Bajkó Z, Moțățăianu A, Țilea B, Alexandrescu A, **Bălașa R.** *Lyme meningoradiculitis: case reports and literature review.* Acta Medica Marisiensis 2016; 62: 373-375, ISSN 2068-3324, cod CNCIS 193.
5. 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 CNCIS 768.
6. Țilea B, **Bălașa R,** Fodor A, Țilea I. *Diagnosis and treatment algorithm in Lyme neuroborreliosis.* Acta Medica Marisiensis 2016; 62: 121-127, ISSN 2068-3324, cod CNCIS 103.
7. 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.* Hum & Vet Med 2016; 8: 45-49, ISSN 2066-7655, cod CNCIS 951.
8. **Bălașa R.** *Nanoneurology.* Rom J Neurol 2015; 14: 189-204, ISSN 1848-8148, cod CNCIS 768.
9. Molnar K, **Bălașa R.** *Effect of serum 25(OH) D level, cigarette smoking and oral contraceptive use on clinical course of relapsing-remitting multiple sclerosis in a group of female patients.* Rom J Neurol 2015; 14: 214-218, ISSN 1848-8148, cod CNCIS 768.
10. **Bălașa R,** Bajkó Z. Maier S, Voidăzan S, Moțățăianu A. *Influence of risk factors and diabetic complications on peripheral nerve function in type 2 diabetes mellitus.* Acta Medica Marisiensis 2015; 61: 25-31, ISSN 2068-3324, cod CNCIS 103.
11. Maier S, **Bălașa R,** Bajkó Z, Maier A, Șchiopu B, Buruiian M. *Correlation between depression, cognitive status, functional scores, disability and lesion load in multiple sclerosis treated with interferon beta 1a.* Acta Medica Marisiensis 2015; 61: 32-37, ISSN 2068-3324, cod CNCIS 103.
12. Maier S, **Bălașa R,** Buruiian M, Maier A, Bajkó Z. *Depression in multiple sclerosis.* Rom J Neurol 2015; 14: 22-29, ISSN 1843-8148, cod CNCIS 768.
 - *Articol citat în:*
 - Paulus A, Hussak S, Kugler J. *Krankheitsverarbeitung bei Multipler Sklerose.* Psychotherapie im Dialog 2016; 1: 56-60.
 - Wijenberg ML, Stapert SZ, Köler S, et al. *Expaining fatigue in multiple sclerosis: cross-validation of a biopsychosocial model.* J Behav Med 2016; 39: 815-822.
13. **Bălașa R,** Doboczi M, Costache O, Maier S, Bajkó Z, Moțățăianu A, Bălașa A. *Risk factors and diagnosis of cerebral venous thrombosis: data from a cohort of 45 Romanian patients.* Acta Medica Marisiensis 2014; 60: 207-214, ISSN 2068-3324, cod CNCIS 103.
14. **Bălașa R,** Bajkó Z, Maier Z, Moțățăianu A. *The dual role of transforming growth factor beta in the pathogenesis of multiple sclerosis and experimental*

encephalomyelitis. Rom J Neurol 2014; 13: 103-107, ISSN 1843-8148, cod CNCIS 768.

➤ *Articol citat în:*

- Vistbakka J, Elovaara I, Lehtimäki T, et al. *Circulating microRNAs as biomarkers in progressive multiple sclerosis*. Mul Scler J 2016. DOI: 10.1177/1352458516651141. IF: 4.671.

15. Bălașa R, Huțanu A, Maier S. *Serum interleukin-10 levels in multiple sclerosis patients treated with IFN-β 1A*. Acta Medica Transilvanica 2014; 2: 193-196, ISSN 1453-1968, cod CNCIS 68.

16. Bălașa R, Bajkó Z, Moțățăianu A, Maier S. *Pitfalls in the diagnosis of neurosyphilis – case report and literature review*. Acta Medica Transilvanica 2014; 2: 201-203, ISSN 1453-1968, cod CNCIS 68.

17. Maier S, Bajkó Z, Moțățăianu A, Maier A, Raicea V, Bardas A, Bălașa R. *Subclavian double steal syndrome presenting with cognitive impairment and dizziness*. Rom J Neurol 2014; 13: 144-149, ISSN 1843-8148, cod CNCIS 768.

➤ *Articol citat în:*

- Latacz P, Simka M, Kazibudski M, et al. *Optimal interventional treatment in a patient with occlusion of the brachiocephalic trunk and left subclavian artery with „double” steal syndrome*. Postep Kardiol Inter 2015; 11: 341-343.

- Taroza S, Valaikiene J, Schlachetzki F, et al. *Embolic middle cerebral artery occlusion from innominate artery stenosis: Successful mechanical recanalisation*. J Neurol Neurosci 2016; DOI:10.21767/2171-6625.100081.

18. Bălașa R, Bajkó Z, Bălașa A, Mocan S, Chebuț O. *An unusual case of seronegative Wegener's granulomatosis: acute pancreatitis at onset, followed by atrio-ventricular block, neurological and kidney involvement*. Rom J Neurol 2013; 12: 43-46, ISSN 1843-8148, cod CNCIS 768.

19. Moțățăianu A, Bajkó Z, Stoian A, Bălașa R. *Cardiovascular autonomic neuropathy and sensorimotor polyneuropathy in type 2 diabetes mellitus*. Acta Medica Marisiensis 2012; 58: 243-247, ISSN 2068-3324, cod CNCIS 103.

20. Bălașa R, Bajkó Z, Stan C. *Extracranial jugular venous insufficiency in multiple sclerosis patients treated with interferon beta*. Acta Medica Marisiensis 2011; 57: 566-570, ISSN 2068-3324, cod CNCIS 103.

21. Bajkó Z, Bălașa R, Stan C, Moțățăianu A. *Dissection of the cervicocerebral arteries – ultrasonic characteristics*. Acta Medica Marisiensis 2011; 57: 413-417, ISSN 2068-3324, cod CNCIS 103.

➤ *Articol citat în:*

- Charlton-Ouw KM, Sandhu HK, Burgess W, Vasquez ME, Estera AL, Azzizadeh A, Coogan SM, Safi HJ. *Duplex ultrasound protocol and*

findings in common carotid artery dissection extending from the aortic arch. J Vasc Ultrasound 2014; 38: 80-86.

- 22. Bălașa R, Bajkó Z.** *Trigeminal neuralgia in multiple sclerosis: a clinical comparison of trigeminal neuralgia in patients with and without underlying multiple sclerosis.* Rom J Neurol 2010; 9: 68-73, ISSN 1843-8148, cod CNCIS 768.

➤ *Articol citat în:*

- Seixas D, Foley P, Lima D, Ramos I, Tracey I. *Pain in multiple sclerosis: a Systematic review of neuroimaging studies.* Neurolmage: Clinical 2014; 5: 322-331. **IF: 6.956.**

- 23. Bajkó Z, Bălașa R, Petruțiu S, Toma L, Russu S, Pascu I.** *Mobile carotid artery thrombus.* Rom J Neurol 2009; 8: 184-186, ISSN 1843-8148, cod CNCIS 768.

- 24. Ștefanache F, Bălașa R, Boieru G, Cârțumaru N, Dutoiu H, Georgescu C, Mărginean I, Perju-Dumbravă L, Zaharia C.** *Monitorizarea eficacității și siguranței Bilobil Forte la pacienții cu disfuncții cognitive severe.* Rom J Neurol 2008; 7: 88-89, ISSN 1843-8148, cod CNCIS 768.

VII. Lucrări științifice de specialitate publicate în extenso în reviste cotate CNCIS B/C.

- 1. Bajkó Z, Bălașa R, Moțățăianu A, Feier C, Pascu I.** *Common carotid artery occlusion: clinical and ultrasonographical characteristics.* Acta Medica Marisiensis 2010; 56: 214-217, ISSN 2068-3324, cod CNCIS 103.
- 2. Bălașa R, Mihuț E, Lukacs E.** *Tulburările cognitive în scleroza multiplă.* Rev Med Farm 2008; 54: 136-145, ISSN 2068-3324.
- 3. Bălașa R.** *Pediatric multiple sclerosis.* Rom J Neurol 2007; 6: 171-175, ISSN 1843-8148.

➤ *Articol citat în:*

- Squillace M, Ray S, Milazzo M. *Changes in gross grasp strength and fine motor skills in adolescents with pediatric multiple sclerosis.* Occup Ther Health Care 2015; 29: 77-85. **IF: 0.600.**

- 4. Bălașa R, Feier C, Dan M, Moțățăianu A, Balaianu M, Chebuț C, Constantin V, Bajkó Z, Pascu I.** *The prevalence of multiple sclerosis in Mures County, Central Romania.* Rev Rom Neurol 2007; 6: 80-84, ISSN 1843-8148.

➤ *Articol citat în:*

- Barendregt J, Doi S, Lee Y, Norman R, Vos T. *Meta-analysis of prevalence.* J Epidemiol Community Health 2013; 67: 974-978, ISSN 1470-2738, **IF: 3.294.**
- Gustavsson A, Svensson M, Jakobi F, Allgulander C, Alonso J, Beghi E, et al on behalf of the CDBE2010 study group. *Cost of disorders of the brain in Europe 2010.* Eur Neuropsychopharmacol 2011; 21: 718-779, ISSN 0924-977X, **IF: 5.164.**

- Cornea A, Rosca C, Petre A, Simu M. *The epidemiology of multiple sclerosis in Romania and across Central and Southeastern Europe – A historical review*. Rom J Neurol 2015; 14: 111-118.
- 5. **Bălașa R.** *Hipotermia controlată în atacul cerebrovascular*. Rev Rom Neurol 2007; 6: 3-8, ISSN 1843-8148.
- 6. **Bălașa R.** *Sleroza multiplă primar progresivă*. Rev Rom Neurol 2006; 5: 135-141, ISSN 1843-8148.
- 7. Pascu I, **Bălașa R.** *Moartea creierului*. Brit Med J-Ed Română 2004; 11: 90-95, ISSN 1222-5835.
- 8. Pascu I, **Bălașa R.** *Principii de tratament ale epilepsiei la adult*. Rev Rom Neurol 2003; 2: 6-8, ISSN 1843-8148.
- 9. **Bălașa R.** *Potențialele evocate în scleroza multiplă și nevrita optică*. Rev Med Farm 2001; 47: 131-136, ISSN: 1221-2229.
- 10. **Bălașa R.** *Nevrita optică și relația acesteia cu scleroza multiplă*. Rev Med Farm 2001; 47: 1-7, ISSN 1221-2229.
- 11. Corfariu O, Chioreanu M, **Bălașa R**, Dicui S. *Explorări de electroneurofiziologie clinică la bolnavul critic în unitățile de terapie intensivă*. J Soc Rom ATI 2001; 8: 134-137, ISSN 2392-7518.
- 12. **Bălașa R.** *Visual evoked potentials and magnetic resonance imaging in multiple sclerosis patients with clinical and subclinical optic neuritis*. Rev Med Farm 2000; 46: 245-247, ISSN 1221-2229.
- 13. **Bălașa R.** *Imagistica prin rezonanță magnetică în scleroza multiplă și nevrita optică* Rev Med Farm 2000; 46: 9-20, ISSN 1221-2229.
- 14. Moldovan E, **Bălașa R.** *Modificări microscopice în timus la bolnavii cu myasthenia gravis*. Rev Med Farm 1999; 45: 218-222, ISSN 1221-2229.
- 15. Pascu I, Pascu R, **Bălașa R.** *Borrelioza (boala Lyme)*. Rev Med Farm 1998; 44: 252-260, ISSN 1221-2229.

VIII. Lucrări științifice de specialitate prezentate la Congrese Naționale și Internaționale, cu rezumate/postere publicate în reviste cotate ISI.

- **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.**
- 1. **Balasa R**, Bajkó Z, Hutanu A, Voidazan S, Maier SM. *Natalizumab treatment modifies peripheral cytokine profile in multiple sclerosis patients*. ECTRIMS Online Library, Eposter P1165.
- 2. 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*. ECTRIMS Online Library, Eposter P1468.

- **2nd Congress of European Academy of Neurology, Copenhagen, Denmark, 28-31 May, 2016.**
 1. 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*. Eur J Neurol 2016; 23 (Suppl 1): 332. IF: **3.956**.
- **1st Congress of the European Academy of Neurology, Berlin, Germany, 20 – 23 June, 2015.**
 1. Maier S, Bajkó Z, Huțanu A, **Bălașa R**. *The correlation between IL-17 serum levels and clinical evolution and MRI lesion load in multiple sclerosis patients treated with interferon beta 1a i.m.* Eur J Neurol 2015 ; 22 (Suppl 1) : 837. IF : **4.060**.
- **1st Congress of Romanian Association of Laboratory Medicine with International Participants, Sighișoara, România, 20-23rd May, 2015.**
 1. Mărginean A, Bănescu C, Șular FL, **Bălașa R**, Maier S, Ispas M, Țăruși M, Doboreanu M. *Rezistența la terapia cu antiagregante plachetare – o problemă reală în România*. Rev Rom Med Lab 2015; 23 (Supl): S85, ISSN 1841-6624, IF: **0.171**.
- **Al XXII Congres Național al Societății Române de Endocrinologie, Târgu Mureș, Romania, 2 – 4 Octombrie, 2014.**
 1. Huțu S, Cota A, Căpraru O-A, **Bălașa R**, Pașcanu I. *Hypokaliemic periodic paralysis in a caucasian man revealing Basedow-Graves disease*. Acta Endocrinol (Buc) 2014; 10 (Suppl 2): 225-226, ISSN 1841-0987, IF: **0.210**.
- **EFNS-ENS Joint Congress of European Neurology, Istanbul, Turkey, 31 May – 3 June, 2014.**
 1. Rusu S, **Bălașa R**, Maier S, Moțățăianu A, Costache O, Bajkó Z. *Bilateral carotid occlusion*. Eur J Neurol 2014; 21 (Suppl 1): P4030, ISSN 1468-1331, IF: **4.162**.
- **Twenty-second Meeting of the European Neurological Society, Prague, Czech Republic, 9 – 12 June, 2012.**
 1. Moțățăianu A, **Bălașa R**, Bajkó Z. *Relationship between severity of cardiovascular autonomic neuropathy and diabetic complications of type 2 diabetes mellitus*. J Neurol 2012; 259 (Suppl 1): P523, ISSN 0340-5354, IF: **3.841**.
- **The 16th Congress of the EFNS, Stockholm, Sweden, 8 – 11 September, 2012.**
 1. Chebuț C, **Bălașa R**, Bajkó Z, Mocan S. *The challenges in establishing a positive diagnosis of seronegative Wegener's Granulomatosis with unusual clinical presentation: a case report*. Eur J Neurol 2012; 19 (Suppl 1): P1894, ISSN 1468-1331, IF: **4.162**.
- **The 15th Congress of the EFNS, Budapest, Hungary, 10 – 13 September, 2011.**

1. **Bălașa R**, Huțanu A, Bajkó Z, Feier C. *Serum IL-17A titre in MS patients treated with IFN-β*. Eur J Neurol 2011; 18 (Suppl 2): P1550, ISSN 1468-1331, **IF: 3.692**.
 2. Feier C, **Bălașa R**, Bălașa A, Treabă A. *Multiple spinal epidural hydatid cysts: a case presentation*. Eur J Neurol 2011; 18 (Suppl 2): P2380, ISSN 1468-1331, **IF: 3.692**.
- **The 6th World Stroke Congress, Vienna, Austria, 24 – 27 September, 2008.**
 1. Toma L, Szekeres C, **Bălașa R**. *Brainstem syndrome, the worst prognosis for intracerebral haemorrhage*. Int J Stroke 2008; 3 (Suppl 1) PO01-403, ISSN 1747-4949, **IF: 2.000**.
 2. Bajkó Z, Szatmari S, **Bălașa R**, Szekeres CS, Fekete K, Csiba L, Bereczki D. *Gender differences in blood pressure indices and short term stroke outcome*. Int J Stroke 2008; 3 (Suppl 1): PO02-525, ISSN 1747-4949, **IF: 2.000**.
 - **The 12th Congress of the EFNS, Madrid, Spain, 23 – 26 August, 2008.**
 1. Bajkó Z, Szatmari S, **Bălașa R**, Szekeres CS, Fekete K, Csiba L, Bereczki D. *The effect of admission blood pressure indices on short-term stroke outcome*. Eur J Neurol 2008; 15 (Suppl 3): P1110, ISSN 1468-1331, **IF: 2.732**.
 2. Bârsan A, **Bălașa R**, Buruian M, Bajkó Z, Incze T. *MRI validated Van der Knaap disease in a 38 year-old woman*. Eur J Neurol 2008; 15 (Suppl 3): P2299, ISSN 1468-1331, **IF: 2.732**.
 - **Seventeenth Meeting of the European Neurological Society, Rhodes, Greece, 16 – 20 June, 2007.**
 1. Chebuț O, **Bălașa R**, Dan M. *The importance of an early initiation in the immunomodulatory therapy for multiple sclerosis*. J Neurol 2007; 254 (Suppl 3): P413, ISSN 0340-5354, **IF: 2.477**.
 - **The 11th Congress of the EFNS, Brussels, Belgium, 25 – 28 August, 2007.**
 1. Chebuț C, **Bălașa R**, Moldovan E, Dan M. *Thymic abnormalities in myasthenia gravis*. Eur J Neurol 2007; 14 (Suppl 1): P2383, ISSN: 1468-1331, **IF: 2.580**.
 - **The XI International Congress of EMG and Clinical Neurophysiology, Prague, Czech Republic, September 7 – 11, 1999.**
 1. **Bălașa R**, Pascu I. *Visual evoked potentials modifications in multiple sclerosis patients*. Clin Neurophysiol 1999; 110: S112, ISSN: 1388-2457.
- IX. Lucrări științifice de specialitate comunicate la Congrese/Conferințe Naționale, cu rezumate publicate în reviste cotate CNCSIS B+.**

- **The 14th Congress of Romanian Society of Neurology, Bucharest, May 18th – 21st, 2016.**
 1. **R Bălașa**, A Huțanu, S Voidezean, Z Bajkó, S Maier. *Natalizumab treatment of relapsing-remitting multiple sclerosis patients influences the peripheral cytokine profile: new possible immunological mechanisms of action.* Rom J Neurol 2016; 14 (Suppl 1): 19.
 2. F Morar, **R Bălașa**, S Maier, S Chirobocea, L Bărcuțean: *Fahr disease – correlation between cerebral lesions and cognitive impairment.* Rom J Neurol 2016; 14 (Suppl 1): 46.
 3. Z Bajkó, S Maier, A Moțățăianu, S Rusu, A Stoian, L Bărcuțeanu, **R Bălașa**. *Giant internal carotid artery aneurysm causing Collet-Sicard syndrome.* Rom J Neurol 2016; 14 (Suppl 1): 55-56.
 4. B Șchiopu, S Maier, N Știrbu, L Bărcuțean, A Bălașa, **R Bălașa**. *Primary intracerebral malignant melanoma with leptomeningeal „Spinal Drop” metastases. Case report.* Rom J Neurol 2016; 14 (Suppl 1): 56-57.
 5. N Știrbu, L Bărcuțean, B Șchiopu, A Stoian, S Maier, **R Bălașa**. *Neurological manifestations in a fatal case of celiac disease. Case presentation.* Rom J Neurol 2016; 14 (Suppl 1) : 57.
 6. L Bărcuțean, S Maier, A Moțățăianu, B Șchiopu, N Știrbu, A Stoian, **R Bălașa**. *Long time experience using interferon beta-1b for the treatment of multiple sclerosis.* Rom J Neurol 2016; 14 (Suppl 1) : 57-58.
 7. L Toma, M Daboczi, **R Bălașa**. *Transient ischemic attack in the vertebro-basilar system versus epileptic seizures – diagnostic and treatment possibilities.* Rom J Neurol 2016; 14 (Suppl 1): 67-68.
 8. Z Gál, Z Bajkó, S Maier, A Moțățăianu, A Stoian, **R Bălașa**. *Mobile carotid artery thrombus in the etiology of ischemic stroke – a case series.* Rom J Neurol 2016; 14 (Suppl 1): 72-73.
 9. A Gothárd, A Moțățăianu, A Stoian, Z Bajkó, **R Bălașa**. *Neurological complications in marantic endocarditis.* Rom J Neurol 2016; 14 (Suppl 1): 74.
 10. S Maier, N Știrbu, Z Bajkó, A moțățăianu, L Bărcuțean, **R Bălașa**. *Lyme disease presenting as Bannwarth syndrome. Case report.* Rom J Neurol 2016; 14 (Suppl 1): 90-91.
 11. A Stoian, A Moțățăianu, S Maier, N Știrbu, L Bărcuțean, N Havas, Z Bajkó, **R Bălașa**. *Neurologic presentation in multiple myeloma: two cases report.* Rom J Neurol 2016; 14 (Suppl 1): 91.
- **Days of the University of Medicine and Pharmacy of Târgu Mureș, 7-11 December 2015. The 5th Conference of Postdoc Fellows in Medicine and Pharmacy. The 8th Conference of PhD Students.**
 1. Bărcuțean L, Pascu I, Maier S, Moțățăianu A, Stoian A, Șchiopu B, **Bălașa R**. *The clinical assess of patients with multiple sclerosis trated with interferon beta-1a*

- for more than 10 years. Acta Medica Marisiensis 2015; 61 (Suppl 7): 8, ISSN 2068-3324, cod CNCIS: 103, link BDI: <http://www.ebscohost.titleList/tnh-coverage.htm>
2. Crișan A, Șchiopu B, Bărcuțean L, **Bălașa R.** *Multiple sclerosis presenting with rapidly evolving brain lesions and relapses under treatment.* Acta Medica Marisiensis 2015; 61 (suppl 7): 13, ISSN 2068-3324, cod CNCIS: 103, link BDI: <http://www.ebscohost.titleList/tnh-coverage.htm>
- **Days of the University of Medicine and Pharmacy of Târgu Mureș, 7-11 December 2015. Scientific Session of University Educational Staff.**
 1. Stoian A, Moțățăianu A, Bărcuțean L, Grigorescu B, Gliga F, Cotoi OS, **Bălașa R.** *Risk factors involved in ethiopathogenesis of type 2 diabetes mellitus microvascular complications.* Acta Medica Marisiensis 2015 ; 61 (Suppl 8) : 46, ISSN 2068-3324, cod CNCIS 103, link BDI : <http://www.ebscohost.titleList/tnh-coverage.htm>
 2. Maier S, Bajko Z, Moțățăianu A, Bărcuțean L, **Bălașa R.** *Cognitive impairment and depression in multiple sclerosis patients – a bidirectional relationship.* Acta Medica Marisiensis 2015 ; 61 (Suppl 8) : 80, ISSN 2068-3324, cod CNCIS 103, link BDI : <http://www.ebscohost.titleList/tnh-coverage.htm>
 3. Moțățăianu A, Maier S, Bajko Z, Stoian A, **Bălașa R.** *Cardiovascular autonomic neuropathy in type 2 diabetes.* Acta Medica Marisiensis 2015 ; 61 (Suppl 8) : 83, ISSN 2068-3324, cod CNCIS 103, link BDI : <http://www.ebscohost.titleList/tnh-coverage.htm>
 - **The 13th Congress of Romanian Society of Neurology, Bucharest, May 06th – 09th, 2015.**
 1. **Bălașa R.** *Cognitive impairment in multiple sclerosis: finding clues between immunopathogenesis, cognitive deficits and MRI.* Rom J Neurol 2015; 14 (Suppl 1): 26-28, ISSN 1843-8148, cod CNCIS: 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 2. Moțățăianu A, Stoian A, Maier S, Bajkó Z, Costache O, **Bălașa R.** *Cardiovascular autonomic neuropathy in patients with type 1 diabetes.* Rom J Neurol 2015; 14 (Suppl 1): 43-44, ISSN 1843-8148, cod CNCIS: 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 3. Toma L, Morar F, Toma L, **Bălașa R.** *Ischemic stroke in the left MCA territory and vertebrobasilar territory, through hemodynamic mechanism on a patient with left internal carotid artery occlusion and right internal carotid artery preocclusion – case report.* Rom J Neurol 2015; 14 (Suppl 1): 47, ISSN 1843-8148, cod CNCIS: 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>

4. Macavei I, Rusu S, Costache O, Bajkó Z, Morar S, **Bălașa R.** *Complex arterial lesions in a patients with transient global amnesia.* Rom J Neurol 2015; 14 (Suppl 1): 49-50, ISSN 1843-8148, cod CNCIS: 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 5. Morar F, Moruș V, **Bălașa R**, Toma L, Petruțiu S. *Clinical and imagistic aspects in brain arteriovenous malformation.* Rom J Neurol 2015; 14 (Suppl 1): 50-51, ISSN 101468370
 6. Șchiopu-Mariean B, Maier S, Bajkó Z, Bărcuțean L, **Bălașa R.** *Late onset Tay-Sachs disease – care report.* Rom J Neurol 2015; 14 (Suppl 1): 62, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 7. Costache O, Petruțiu S, Moțățăianu A, **Bălașa R.** *Clinical and imagistical correlation in drug-resistant epilepsy.* Rom J Neurol 2015; 14 (Suppl 1): 66-67, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 8. Știrbu N, Bărcuțean L, Alexandrescu A, **Bălașa R.** *The importance of early diagnosis of paraneoplastic syndrome-limbic encephalitis – case presentation.* Rom J Neurol 2015; 14 (Suppl 1): 69-70, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 9. Bărcuțean L, Știrbu N, Șchiopu B, Moruș V, **Bălașa R.** *The importance of differential diagnosis in neuropsychiatric pathology-neurolupus – case presentation.* Rom J Neurol 2015; 14 (Suppl 1): 74-75, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 10. Toma L, Rusu S, Copotioiu C, Toma L, Căpraru O, **Bălașa R.** *Carotid paraganglioma – neurologic, vascular and postsurgical implications.* Rom J Neurol 2015; 14 (Suppl 1): 75-76, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 11. Bajkó Z, Rusu S, Maier S, Moțățăianu A, Otavă C, **Bălașa R.** *Brachiocephalic artery stenosis/occlusion – ultrasonographical characteristics.* Rom J Neurol 2015; 14 (Suppl 1): 79, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 12. Maier S, Bajkó Z, Moțățăianu A, Bărcuțean L, **Bălașa R.** *Depression in multiple sclerosis.* Rom J Neurol 2015; 14 (Suppl 1): 79-80, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 13. Cioloboc I, Crișan A, **Bălașa R.** *Multiple system atrophy – case report.* Rom J Neurol 2015; 14 (Suppl 1): 82, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
- **Days of the University of Medicine and Pharmacy of Târgu Mureș, Târgu Mureș, 8 – 12 December, 2014.**

1. Maier S, Buruiian M, Bajkó Z, Maier A, Schiopu B, **Bălașa R**. *Correlations between depression, cognitive status, functional scores, disability and brain MRI lesion load in multiple sclerosis*. Acta Medica Marisiensis 2014; 60 (Suppl 4): 15, ISSN 2068-3324, cod CNCIS: 103, link BDI: <http://www.ebscohost.titleList/tnh-coverage.htm>
 2. **Bălașa R**, Bajkó Z, Moțățăianu A, Maier S. *The long-term evolution of multiple sclerosis patients treated with interferon beta-1B: 10-year longitudinal study*. Acta Medica Marisiensis 2014; 60 (Suppl 4): 16, ISSN 2068-3324, cod CNCIS 103, link BDI: <http://www.ebscohost.titleList/tnh-coverage.htm>
 3. Mărginean A, Șular F, **Bălașa R**, Maier S, Ispas M, Țăruși M, Doboreanu M. *Monitoring antiplatelet therapy using multiple electrode aggregometry*. Acta Medica Marisiensis 2014; 60 (Suppl 4): 39, ISSN 2068-3324, cod CNCIS 103, link BDI: <http://www.ebscohost.titleList/tnh-coverage.htm>
- **National Conference of infectious diseases with international participation (3rd Edition) Cluj-Napoca, 18 – 20 September, 2014.**
 1. Țilea B, **Bălașa R**, Șincu N, Techeș S, Bocicor A, Țilea I. *Early diagnostic biomarkers in Lyme Neuroborreliosis – a case report*. Clujul Medical 2014; 87 (Suppl 2): 70, ISSN 1222-2119, cod CNCIS 253, link BDI: <http://www.journals.indexcopernicus.karta.php?action=masterlist&id=4620>
 - **The 12th Congress of the Romanian Society of Neurology, Bucharest, May 14th – 17th, 2014.**
 1. **Bălașa R**. *Neurorehabilitation in multiple sclerosis: functional brain reorganization and recovery*. Rom J Neurol 2014; 13 (Suppl 1): 16-17, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 2. Costache O, Bostan R, Petruțiu S, **Bălașa R**. *Mesial hippocampal sclerosis-trigger for epileptic seizures or associated entity?* Rom J Neurol 2014; 13 (Suppl 1): 33-34, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 3. Bajko Z, **R. Bălașa**, S. Maier, Moțățăianu A, Kovacs O, Costache O, Chebuț O. *The role of ultrasonography in the diagnosis of temporal arteritis – case reports*. Rom J Neurol 2014; 13 (Suppl 1): 59-60, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 4. Maier S, **Bălașa R**, Maier A, Raicea V, Bardas A, Bajkó Z. *Subclavian double steal syndrome caused by brachiocephalic artery occlusion – case report*. Rom J Neurol 2014; 13 (Suppl 1): 60, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 5. Moțățăianu A, Bajko Z, Maier S, Stoian A, **Bălașa R**. *Diabetic sensorimotor polyneuropathy: quality of life issues*. Rom J Neurol 2014; 13 (Suppl 1): 61, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>

6. Șchiopu B, **Bălașa R**, Biriș P, Bajkó Z, Maier S. *Neuromyelitis optica – case report*. Rom J Neurol 2014; 13 (Suppl 1): 62-63, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 7. Zsigmond B, **Bălașa R**, Maier S. *Multiphasic disseminated encephalomyelitis mimicking multiple sclerosis. Considerations on a clinical case*. Rom J Neurol 2014; 13 (Suppl 1): 66-67, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 8. Crișan A, Moțățăianu A, Bajkó Z, Maier S, **Bălașa R**. *Posttraumatic bilateral internal carotid artery dissection*. Rom J Neurol 2014; 13 (Suppl 1): 67-68, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 9. Toma L, Cioloboc I, Cifrea A, **Bălașa R**. *Bilateral occlusion of vertebral artery, probably by arterial dissection, with double ischemic stroke in vertebral-basilar territory*. Rom J Neurol 2014; 13 (Suppl 1): 69, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
- **The 11th Congress of the Romanian Society of Neurology, Bucharest, May 15th – 18th, 2013.**
 1. **Bălașa R**. *Current knowledge on different multiple sclerosis therapies influence the blood-brain-barrier function*. Rom J Neurol; 2013; 12 (Suppl 1): 15-16, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 2. Treabă C, **Bălașa R**, I. Macavei. *Pseudotumoral lesions in multiple sclerosis*. Rom J Neurol 2013; 12 (Suppl 1): 24, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 3. Treabă C, **Bălașa R**, Macavei I, Simu I, Buruian M. *Cerebral active lesions in multiple sclerosis: a clinicoradiological correlation* Rom J Neurol 2013; 12 (Suppl 1): 24-25, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 4. Kovacs O, Pall E, **Bălașa R**. *Unusual symptoms of nasopharyngeal carcinoma*. Rom J Neurol 2013; 12 (Suppl 1): 26-27, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 5. Bajko Z, **Bălașa R**, Moțățăianu A, Chebuț C, Cioloboc I, Maier S. *Listeria Monocytogenes meningoencephalitis in a patient with chronic lymphocytic leukemia*. Rom J Neurol 2013; 12 (Suppl 1): 28-29, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 6. Chebuț C, Kovacs O, Lakatos S, Bajkó Z, **Bălașa R**. *IV thrombolysis in basilar artery occlusion – case report*. Rom J Neurol 2013; 12 (Suppl 1): 30-31, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 7. Costache O, **Bălașa R**, Petruțiu S, Zsigmond A. *Severe parkinsonism secondary to carbon monoxide poisoning*. Rom J Neurol 2013; 12 (Suppl 1): 33-34, ISSN

- 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
8. Moțățăianu A., Bajko Z, Maier S, Chebuț C, **Bălașa R.** *Relationship between cardiac autonomic neuropathy and other micro- and macroangiopathic complications in type 2 diabetes mellitus.* Rom J Neurol 2013; 12 (Suppl 1): 43-44, ISSN 1843-8148, cod CNCIS 768 link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 9. Maier S, **Bălașa R,** Bălașa A, Zsigmond A, Moțățăianu A, Bajkó Z. *Butterfly brain tumor – care report.* Rom J Neurol 2013; 12 (Suppl 1): 44-45, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 10. Zsigmond A., Petruțiu S, Maier S, Costache O, **Bălașa R,** Stoian A. *Late onset Huntington's disease – care report.* Rom J Neurol 2013; 12 (Suppl 1): 51-52, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
- **The 10th Congress of the Romanian Society of Neurology, Bucharest, May 16th–19th, 2012.**
 1. **Bălașa R,** Bajkó Z, Pascu I. *Serum titer of IL-17 contribute to the heterogenous response to interferon- β therapy of patients with recurrent remissive multiple sclerosis.* Rom J Neurol 2012; 11 (Suppl 1): 11-12, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 2. Bajko Z, **Bălașa R,** Moțățăianu A, Maier S. *The role of carotid ultrasound in the diagnosis of the cervicocerebral artery dissections.* Rom J Neurol 2012; 11 (Suppl 1): 54, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 3. Maier S, **Bălașa R,** Zsigmond A, Moțățăianu A, Biris P, Bajkó Z *Pseudoperipheral brachial monoparesis associated with carotid artery occlusion – care report.* Rom J Neurol 2012; 11 (Suppl 1): 54-55, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 4. Moțățăianu A, **Bălașa R,** Bajko Z, Maier S. *Cardiac autonomic neuropathy in type 2 diabetes mellitus.* Rom J Neurol 2012; 11 (Suppl 1): 55-56, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 - **The 9th Congress of the Romanian Society of Neurology, Bucharest, May 18th – 21st, 2011.**
 1. **Bălașa R.** *Progressive multifocal leucoencephalopathy.* Rom J Neurol 2011; 10 (Suppl 1): 16, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 2. Bogdan A, **Bălașa R,** Moțățăianu A. *Fahr disease. Case presentation.* Rom J Neurol 2011; 10 (Suppl 1): 44-45, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>

3. Petruțiu S, Godo E, **Bălașa R**, Moțățăianu A, Huza I, Pop Ionașiu D. *Parkinson syndromes and progressive supranuclear palsy*. Rom J Neurol 2011; 10 (Suppl 1): 46, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 4. Russu S, Petruțiu S, Mihail D, Străuț N, Moțățăianu A, **Bălașa R**. Cerebral venous thrombosis at a young epileptic female – a trap in clinical diagnosis. Rom J Neurol 2011; 10 (Suppl 1): 64-65, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 5. Maier S, **Bălașa R**, Alexandrescu A, Feier C, Bajkó Z, Bălașa A, Chinezu R. *Ruptured pericallosal artery aneurism*. Rom J Neurol 2011; 10 (Suppl 1): 77-78, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
- **The 8th Congress of the Romanian Society of Neurology, Bucharest, May 19th – 22nd, 2010.**
 1. **Bălașa R**. *Cervical spinal MRI aspects in multiple sclerosis patients with gait and balance disturbances*. Rom J Neurol 2010; 9 (Suppl 1): 12-13, ISSN 1843-8148, cod CNCIS 768, link BD: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 2. Feier C, **Bălașa R**, Maier S, Maier S, Macavei I. *Unusual clinical picture of acute transverse myelitis – case presentation*. Rom J Neurol 2010; 9 (Suppl 1): 32-33, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 3. Cifrea A, Toma L, Feier, **Bălașa R**. *Superior orbital fissure syndrome – case report*. Rom J Neurol 2010; 9 (Suppl 1): 44, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 4. Maier S, **Bălașa R**, Alexandrescu A, Feier C, Macarie I. *Paroxysmal nocturnal hemoglobinuria presenting as a cerebral sinus thrombosis – case report*. Rom J Neurol 2010; 9 (Suppl 1): 50-51, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 5. Mihail D, Petruțiu S, Feier C, Moțățăianu A, **Bălașa R**. *Olivopontocerebellar atrophy – a case report*. Rom J Neurol 2010; 9 (Suppl 1): 52-53, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 6. Pocreață I, Macavei I, **Bălașa R**. *Mononevritis multiplex associated with anticardiolipin syndrome and with congenital hypoplasia on left AICI – case report*. Rom J Neurol 2010; 9 (Suppl 1): 54-55, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 7. Scutaru A, **Bălașa R**. *Unusual differential diagnosis for multiple sclerosis – case presentation*. Rom J Neurol 2010; 9 (Suppl 1): 65, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 8. Chebuț O, Toma L, Cifrea A, **Bălașa R**. *The role of venous sinus disease in the origin of idiopathic intracranial hypertension (IIH) – case report*. Rom J Neurol 2010; 9

- (Suppl 1): 70-71, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
9. Diacenco A, **Bălașa R**, Zsigmond A, Maier S. *A diagnostic trap in a case of intracerebral expansive process – case report*. Rom J Neurol 2010; 9 (Suppl 1): 74, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 10. Moțățăianu A, **Bălașa R**, Petruțiu S, Scutaru D. *Favorable outcome in a case of malignant cerebral infarction with late large hemorrhagic transformation*. Rom J Neurol 2010; 9 (Suppl 1): 80-81, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
- **The 65th Anniversary of the Târgu Mureș University of Medicine and Pharmacy, December 15th – 18th, 2010.**
 1. Bajkó Z, **Bălașa R**, Feier C, Moțățăianu A. *Dissection of the cervico-cerebral arteries – ultrasonographic characteristics*. Acta Medica Marisiensis 2010; 56: 29, ISSN 2068-3324, cod CNCIS 103, link BDI: <http://www.ebscohost.com/titleList/tmh-coverage.htm>
 - **The 7th Congress of the Romanian Society of Neurology, Sinaia, May 13th – 16th, 2009.**
 1. **Bălașa R**. *Trigeminal neuralgia in patients with multiple sclerosis*. Rom J Neurol 2009; 8 (Suppl 1): 19, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 2. Diacenco A, Incze M, Dan M, **Bălașa R**. *Vertebral dolicoartery causing trigeminal neuralgia – case presentation*. Rom J Neurol 2009 (Suppl 1): 34, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 3. Bârsan A, Bajko Z, Incze T, Buruiian M, Szekeres C, **Bălașa R**. *Two cases of Van der Knaap disease*. Rom J Neurol 2009; 8 (Suppl 1): 43, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 4. Scutaru A, **Bălașa R**, Toma L, Moțățăianu A, Bajkó Z. *Ischemic stroke at a patient with systemic lupus erythematosus – case report*. Rom J Neurol 2009; 8 (Suppl 1): 48, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 5. Mihail D, Petrutiu S, Bajkó Z, Țilea I, Hadadi L, Lakatos S, **Bălașa R**. *Bilateral internal carotid occlusion – case report*. Rom J Neurol 2009; 8 (Suppl 1): 48, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
 6. Feier C, **Bălașa R**, Dan M, Bajkó Z. *Premature CNS atherosclerosis at a patient with systemic lupus erythematosus (a case report)*. Rom J Neurol 2009; 8 (Suppl 1): 51, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>

7. Bajko Z, Petrutiu S, Toma L, **Bălașa R**, Pascu I. *Free-floating thrombus of the carotid artery: case report*. Rom J Neurol, 2009; 8 (Suppl 1): 52, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
8. Moțățăianu A, Bajko Z, **Bălașa R**. *Symptomatic and asymptomatic carotid artery occlusion – a case series study*. Rom J Neurol 2009; 8 (Suppl 1): 53, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
9. Szekeres C, Barsan A, Bajkó Z, Țilea I, Hadadi L, **Bălașa R**. *Perimesencephalic haemorrhage - subarachnoid haemorrhage with good prognosis*. Rom J Neurol 2009; 8 (Suppl 1): 56, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
10. Maier S, **Bălașa R**, Bajko Z, Feier C. *Diagnostic pitfalls in Wilson disease – case report*. Rom J Neurol 2009; 8 (Suppl 1): 58, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>
11. Dan M, Bajko Z, Feier C, **Bălașa R**. *Unusual clinical presentation of Wilson disease – case report*. Rom J Neurol 2009; 8 (Suppl 1): 58, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>

● **40th International Danube Symposium for Neurological Sciences and Continuing Education in conjunction with 6th Congress of the Romanian Society of Neurology, Sinaia, May 21st – 24th, 2008.**

1. **Bălașa R**. *Remyelination in multiple sclerosis*. Rom J Neurol 2008; 7 (Suppl 1): 29, ISSN 1843-8148, cod CNCIS 768, link BDI: <http://www.ncbi.nlm.nih.gov/nlmcatalog/101468370>

X. Lucrări științifice de specialitate comunicate la Congrese/Conferințe Naționale, cu rezumate publicate în reviste cotate CNCIS B/C.

● **Congresul Național al Societății de Neurologie din România, București, 9 – 12 Mai, 2007.**

1. Pascu I, **Bălașa R**. *Imunopatologia miasteniei gravis*. Rev Rom Neurol 2007; 6 (Suppl 1): 7-8, ISSN 1843-8148.
2. **Bălașa R**, Pascu I. *Imunopatologia sindromului Guillain-Barré-Strohl*. Rev Rom Neurol 2007; 6 (Suppl 1): 10, ISSN 1843-8148.
3. **Bălașa R**. *Anticorpii neutralizanți ai interferonului-beta*. Rev Rom Neurol 2007; 6 (Suppl 1): 27-28, ISSN 1843-8148.

● **A X-a Conferință Națională de Stroke (AVC), Sinaia, 3 – 5 Octombrie, 2007.**

1. **Bălașa R**. *Neuroprotecția hipotermică în ischemia cerebrală focală*. Rev Rom Stroke 2007; IX: 226-227. ISSN 1582-3172.

- **Zilele Universității de Medicină și Farmacie Târgu Mureș, Târgu Mureș, 13 – 14 Decembrie, 2007.**

1. Bălașa R. *Systemic lupus erythematosus with catastrophic antiphospholipidic antibodies syndrome in a young woman treated with plasmapheresis*. Rev Med Farm 2007; 53: 131, ISSN 1221-2229.

- **AL IV-lea Congres Național al Societății de Neurologie din România, București, 10 – 13 Mai, 2006.**

1. Bălașa R, Feier C. *Glioamele de trunchi cerebral*. Rev Rom Neurol 2006; 5 (Supl 1): 7-8, ISSN 1583-4603.
2. Pascu I, Bălașa R. *Neurofiziologia și neurochimia sistemului vestibular central*. Rev Rom Neurol 2006; 5 (Supl 1): 44, ISSN 1583-4603.

- **Zilele Universității de Medicină și Farmacie Târgu Mureș, Târgu Mureș, 14 – 15 Decembrie, 2006.**

1. Bălașa R. *Scleroza multiplă benignă*. Rev Med Farm 2006; 52 (Supl 5):108, ISSN 1221-2229.

- **Congresul Național de Neurologie din România, București, 18 – 21 Mai, 2005.**

1. Pascu I, Bălașa R. *Neurofiziologia și neurochimia ganglionilor bazali în condiții normale și patologice*. Rev Rom Neurol 2005; 4 (Supl 1): 8, ISSN 1583-4603.

- **A VIII-a Conferință Națională de Stroke (AVC), București, 6 – 7 Octombrie, 2005.**

1. Pascu I, Bălașa R. *Atacul ischemic tranzitor, factor de risc major în apariția infarctului cerebral*. Rev Rom Stroke 2005; VIII: 59, ISSN 1582-3172.

- **Sesiunea Științifică Aniversară, 60 de ani de Învățământ Medical Universitar Târgumureșean, Târgu Mureș, 16 – 17 Decembrie, 2005.**

1. Bălașa R. *Scleroza multiplă primar progresivă*. Rev Med Farm 2005; 51 (Supl 5): 335, ISSN 1221-2229.
2. Bălașa R. *Tratamentul cu mitoxantronă în scleroza multiplă*. Rev Med Farm 2005; 51(Supl 5): 336, ISSN 1221-2229.

- **Congresul Național de Neurologie din România, București, 10 – 13 Noiembrie, 2004.**

1. Bălașa R, Pascu I. *Afectarea sistemului nervos periferic în scleroza multiplă*. Rev Rom Neurol 2004; 3 (Supl 1): 103-104, ISSN 1583-4603.
2. Pascu I, Bălașa R. *Sincopa*. Rev Rom Neurol 2004; 3 (Supl 1): 128-129, ISSN 1583-4603.

- **A VII-a Conferință Națională de Stroke (AVC), București, 14 – 15 Octombrie, 2004.**

1. Pascu I, **Bălașa R.** *Atacul ischemic tranzitor.* Rev Rom Stroke 2004; VII: 68, ISSN 1582-3172.
- **Congresul Național de Neurologie din România, București, 29 Octombrie – 1 Noiembrie, 2003.**
 1. Pascu I, **Bălașa R.** *Moartea creierului.* Rev Rom Neurol 2003; 2 (Suppl 1): 177-178, ISSN 1583-4603.
- **A VI-a Conferință Națională de Stroke (AVC), București, 2 – 3 Octombrie, 2003.**
 1. Pascu I, **Bălașa R.** *Ultrasunetele în tratamentul atacurilor cerebrovasculare ischemice.* Rev Rom Stroke 2003; VI: 108-109. ISSN 1582-3172.
- **Conferința Națională de Neurologie, București, 30 Octombrie – 2 Noiembrie, 2002.**
 1. Pascu I, **Bălașa R.** *Tratamentul cu Betaferon al pacienților cu scleroză multiplă – rezultatele clinice ale studiului Betaferon din Centrul Târgu Mureș.* Rev Soc Neurol Rom 2002; 1 (Suppl 1): 18, ISSN 1583-4603.
 2. Pascu I, **Bălașa R.**, Preda D. *Evaluarea imagistică a pacienților cu scleroză multiplă incluși în studiul Betaferon din Centrul Târgu-Mureș.* Rev Soc Neurol Rom 2002; 1 (Suppl 1): 18-19, ISSN 1583-4603.
 3. **Bălașa R.** *Potențialele evocate vizuale și imagistica prin rezonanță magnetică la pacienții cu nevrită optică.* Rev Soc Neurol Rom 2002; 1 (Suppl 1): 33, ISSN 1583-4603
 4. **Bălașa R.** *Tulburările cognitive la pacienții cu scleroză multiplă.* Rev Soc Neurol Rom 2002; 1 (Suppl 1): 33, ISSN 1583-4603.
- **A V-a Conferință Națională de Stroke (AVC), București, 3 – 4 Octombrie, 2002.**
 1. Pascu I, **Bălașa R.** *Lacunele cerebrale.* Rev Rom Stroke 2002 ; V : 153-154, ISSN 1582-3172.
- **Sesiunea științifică anuală a cadrelor didactice, UMF Târgu Mureș, Târgu Mureș, 23 – 24 Mai, 2002.**
 1. **Bălașa R.**, Pascu I. *Tratamentul cu betaferon al pacienților cu scleroză multiplă – datele de bază.* Rev Med Farm 2002; 48 (Suppl 1): 107, ISSN 1221-2229.
 2. **Bălașa R.**, Pascu I. *Tratamentul cu betaferon al pacienților cu scleroză multiplă – rezultatele preliminare.* Rev Med Farm 2002; 48 (Suppl1):108, ISSN: 1221-2229.
- **A IV-a Conferință Națională de Stroke (AVC), Craiova, 3 – 5 Octombrie, 2001.**
 1. Pascu I, **Bălașa R.** *Tromboza venoasă cerebrală.* Rev Rom Stroke 2001; IV: 100-101, ISSN 1582-3172.

2. Bălașa R, Pascu I. *Tromboză venoasă cerebrală cu hipertensiune intracraniană și sindrom antifosfolipidic primar*. Rev Rom Stroke 2001; 4: 104, ISSN 1582-3172.
- **Sesiunea științifică anuală a cadrelor didactice și studenților, UMF Târgu Mureș, Târgu Mureș, 18 – 19 Mai, 2001.**
 1. Bălașa R, Pascu I, Groza M, Ludász O. *Disfuncțiile cognitive în scleroza multiplă*. Rev Med Farm 2001; 47 (Suppl 1): 8, ISSN 1221-2229.
 2. Bălașa R, Pascu I. *Tratamentul cu interferon β -1b în scleroza multiplă*. Rev Med Farm 2001; 47 (Suppl 1): 9, ISSN 1221-2229.
 3. Ghițescu I, Copotiu SM, Chiorean M, Bălașa R, Benedek E, Panțuru I. *Indicațiile plasmaferezei în terapia intensivă. Case report*. Rev Med Farm 2001; 47 (Suppl 1): 52-53, ISSN 1221-2229.
- **A III-a Conferință Națională de Stroke (AVC), Constanța, 20 – 22 Septembrie, 2000.**
 1. Pascu I, Bălașa R. *Evaluarea diagnostică a atacurilor ischemice cerebrale cardioembolice*. Rev Rom Stroke 2000; III: 21, ISSN 1582-3172.
- **Sesiunea științifică anuală a cadrelor didactice și studenților, UMF Târgu Mureș, Târgu Mureș, 19 – 20 Mai, 2000.**
 1. Pascu R, Bălașa R, Chiriac C, Hristescu S, Țilea B, Kézdi I, Urcan R, Pavel S, Pulca M. *Boala Lyme: considerații clinice și epidemiologice*. Rev Med Farm 2000; 46 (Suppl 1): 84, ISSN 1221-2229.
 2. Bălașa R, Pascu I. *Relațiile dintre imagistica prin rezonanță magnetică, potențiale evocate vizuale și handicapul neurologic al bolnavilor cu scleroză multiplă*. Rev Med Farm 2000; 46 (Suppl 1): 123, ISSN 1221-2229.
 3. Țilea B, Bălașa R, Pascu I, Pascu R, Chiriac C, Georgescu A, Urcan R, Pavel S, Buruian M, Hristescu S. *Manifestări neurologice în boala Lyme*. Rev Med Farm 2000; 46 (Suppl 1): 128, ISSN 1221-2229.
- **Sesiunea Științifică anuală a cadrelor didactice și studenților, UMF Târgu Mureș, Târgu Mureș, 21 – 22 Mai, 1999.**
 1. Bălașa R, Pascu I. *Scleroza multiplă cu debut prin sindroame izolate de trunchi cerebral*. Rev Med Farm 1999; 45 (Suppl 1): 136, ISSN 1221-2229.
 2. Bălașa R, Panțuru I, Pascu I, Șoaită M. *Scleroza multiplă juvenilă cu pusee frecvente tratată prin plasmafereză*. Rev Med Farm 1999; 45 (Suppl 1): 136-137, ISSN 1221-2229.
 3. Bălașa R, Pascu I. *Modificările potențialelor evocate vizuale la pacienții cu scleroza multiplă*. Rev Med Farm 1999; 45 (Suppl 1): 137, ISSN 1221-2229.
 4. Cristea F, Bălașa R, Pascu I, Poalelungi V, Constantin D, Focea I, Guțiu L. *Un caz de boală Lyme*. Rev Med Farm 1999; 45 (Suppl 1): 13, ISSN: 1221-2229.

● **Prima Conferință Națională de Stroke (AVC), București, 4 – 6 Noiembrie, 1998.**

1. Pascu I, **Bălașa R.** *Posibilități și limite ale tratamentului trombolitic.* Rev Rom Stroke 1998; 1: 26-27, ISSN 1582-3172.
2. Pascu I, **Bălașa R.** *Hemoragia cerebrală – puncte de vedere în decada creierului.* Rev Rom Stroke 1998; 1: 80, ISSN 1582-3172.

IX. Investigator principal în colective internaționale de cercetare, cu lucrări științifice de specialitate publicate în extenso în reviste cotate ISI.

1. Calabresi PA, Kieseier BC, Arnold DL, et al. *Pegylated interferon beta-1a for relapsing-remitting multiple sclerosis (ADVANCE): a randomised, phase 3, double-blind study.* Lancet Neurol 2014; 13: 657-665, ISSN 1474-4422, **FI: 21,823.**
2. Leist TP, Comi G, Cree BAC, et al. *Effect of oral cladribine on time to conversion to clinically definite multiple sclerosis in patients with first demyelinating event (ORACLE MS): a phase 3 randomised trial.* Lancet Neurol 2014; 13: 257-267, ISSN 1474-4422, **FI: 21,823.**
3. Comi G, Martinelli V, Rodegher M, et al. *Effect of early treatment with glatiramer acetate in patients with clinically isolated syndrome.* Mult Scler J 2013; 19: 1074-1083, ISSN 1352-4585, **FI: 4,863.**
4. Fox JR, Miller DH, Phillips T, et al. *Placebo-controlled phase 3 study of oral BG-12 or glatiramer in multiple sclerosis.* N Engl J Med 2012; 367: 1087-1097, ISSN 0028-4793, **FI: 51,658.**
5. Comi G, Jeffery D, Kappos L, et al. *Placebo-controlled trial of oral Laquinimod for multiple sclerosis.* N Engl J Med 2012; 366: 1000-1009, ISSN 0028-4793, **FI: 51,658.**
6. Radue E-W, O'Connor, Polman CH, et al. *Impact of fingolimod therapy on magnetic resonance imaging outcomes in patients with multiple sclerosis.* Arch Neurol 2012; 69: 1259-1269, ISSN 2168-6149, **FI: 7,580.**
7. Baulac, Brodie M, Patten A, et al. *Efficacy and tolerability of zonisamide versus controlled-release carbamazepine for newly diagnosed partial epilepsy: a phase 3, randomised, double-blind, non-inferiority trial.* Lancet Neurol 2012; 11: 579-588, ISSN 1474-4422, **FI: 23,917.**
8. Kappos L, Radue E-W, O'Connor, et al. *A placebo-controlled trial of oral Fingolimod in relapsing multiple sclerosis.* N Engl J Med 2010; 362: 387-401, ISSN 0028-4793, **FI: 53,484.**
9. Comi G, Martinelli V, Rodegher M, et al. *Effect of glatiramer acetate on conversion to clinically definite multiple sclerosis with clinically isolated syndrome (PreCISe study): a randomised, double-blind, placebo-controlled trial.* Lancet 2009; 374: 1503-1511, ISSN 0140-6736, **FI: 30,758.**
10. De Stefano N, Filippi M, Hawkins C, et al. *Short-term combination of glatiramer acetate with IV steroid treatment preceding treatment with GA alone assessed by*

MRI-disease activity in patients with relapsing-remitting multiple sclerosis.
J Neurol Sci 2008; 266: 44-50, ISSN 0317-1671, **FI: 2,359.**

- 11.** Garren H, Robinson WH, Krasulova E, et al. *Phase 2 trial of DNA vaccine encoding myelin basic protein for multiple sclerosis.* Ann Neurol 2008; 63: 611-620, ISSN 1531-8249, **FI: 9,935.**