

Şef de lucrări Dr. Bălaşa Adrian

LISTA LUCRĂRILOR ŞTIINŢIFICE DE SPECIALITATE

I. Teza de Doctorat

Bălaşa Adrian. „Aspecte clinice, imagistice şi chirurgicale ale tumorilor intra- şi extramedulare,, Anul 2008, 282 pg.

Conducător ştiinţific: **Prof. Dr. Ion Pascu**

Universitatea de Medicină şi Farmacie Târgu Mureş, Facultatea de Medicină

Confirmat în baza Ordinului Ministerului Educaţiei Naţionale Nr. 3030/ 13.01.2009

Calificativ obţinut: „**Excelent**,,

II. Cărţi de specialitate

1. Moţăţăianu A, Bărcuţean L, Maier S, **Bălaşa A**, Mosora O, Fărcaş A. Îngrijirea medicală în boli neurologice - curs pentru asistenţi medicali. Editura University Press Târgu Mureş, 2019, 152 pg, ISBN 978-973-169-618-8, cod CNCIS 210
2. Bălaşa R, Moţăţăianu A, **Bălaşa A**. Curs de Neurologie, Vol I. Editura University Press Târgu Mureş, 2015, 280 pg, ISBN 978-973-169-452-1, cod CNCIS 210
3. Bălaşa R, Maier S, Moţăţăianu A, Bajko Z, **Bălaşa A**. *Curs de Neuroreabilitare*. Editura University Press Târgu Mureş, 2014, 178 pg, ISBN 978-973-297-5, cod CNCIS 210
4. **Bălaşa AF**, Chinezu R, Bălaşa R, Chinezu L. *Curs de Neurochirurgie*. Editura University Press Târgu Mureş, 2014, 143 pg, ISBN 978-973-169-313-2, cod CNCIS 210
5. **Bălaşa AF**. *Tumorile intra şi extramedulare primare ale adultului*. Editura University Press Târgu Mureş, 2012, 262 pg, ISBN 978-973-169-201-2, cod CNCIS 210. **Luat în calcul la ultima promovare**
6. **Bălaşa A**, Bălaşa R. *Chirurgia tumorilor intra- şi extramedulare (DVD)*. Editura University Press Târgu Mureş, 2008, ISBN 978-973-169-036-0, cod CNCIS 210. **Luat în calcul la ultima promovare**

III. Capitle în cadrul unor volume colective

1. **Bălașa A.** Chinezu R. *Pineal Cysts*, în *Pineal Region Lesions. Management Strategies and Controversial Issues* (sub redacția Florian I.S.), Springer Nature Switzerland AG, 2020, pg 239- 247, ISBN 978-3-030-50912-5 ISBN 978-3-030-50913- 2 (eBook), <https://doi.org/10.1007/978-3-030-50913-2>
2. **Bălașa A.** *Poziționarea chirurgicală, navigația, echipamente chirurgicale importante, craniotomie, închiderea plăgii craniene și spinale*, în *Principiile Chirurgiei Neurologice Ediția a 4-a* (sub redacția Florian I.S., ediția în limba română), Editura Hipocrate București, 2019, pg 103-116, ISBN 978-606-94576-2-7
3. **Bălașa A.** *Malformații cavernoase ale creierului și măduvei spinării*, în *Principiile Chirurgiei Neurologice Ediția a 4-a* (sub redacția Florian I.S., ediția în limba română), Editura Hipocrate București, 2019, pg 325-334, ISBN 978-606-94576-2-7
4. Dumitrache M. Constantinescu A. **Bălașa A.** Roșca T. *Manifestări neurooftalmologice în tumori cerebrale*, în *Neurooftalmologie Ediția revizuită și reactualizată* (sub redacția Dumitrache M.), Editura Academiei Române București, 2019, pg 446-495, ISBN 978-973-27-3126-0, cod CNCS 164
5. Bălașa R. **Bălașa A.** *Manifestări oftalmologice în come*, în *Neurooftalmologie Ediția revizuită și reactualizată* (sub redacția Dumitrache M.), Editura Academiei Române București, 2019, pg 529-542, ISBN 978-973-27-3126-0, cod CNCS 164
6. **Bălașa A.** *Tumori intrarahidiene*, în *Tratat de chirurgie Ediția a II-a, Volum VI – Neurochirurgie* (sub redacția Popescu I. Ciucea C.), Editura Academiei Române București, 2014, pg 575-595. ISBN 978-973-27-2445-3, cod CNCSIS 164

IV. Lucrări științifice de specialitate publicate în extenso în reviste cotate ISI cu factor de impact (FI)

1. **Balasa A**, Gyorki G, Tamas F, Hurghis C, Chinezu R. *Suboccipital Retrocondylar Approach for an Anterolateral Foramen Magnum Meningioma*. Journal of Neurological Surgery—Part B 2020, Skull Base: Operative Videos. <https://youtu.be/jpxMcjCpN6E>. ISSN 2193-6331. **FI: 1.397**

2. **Balasa A**, Ghiga D, Andone R.S, Zahan A.E, Florian I.A, Chinezu R. *Effects of Surgery on the 30-Day Survival Rate in Spontaneous Supratentorial Intracerebral Hemorrhage*. Brain Sciences 2020, 11 (1): 5. ISSN 2076-3425. **FI: 3.332**

3. **Balasa A**, Hurghis C, Tamas F, Chinezu R. *Surgical Strategies and Clinical Outcome of Large to Giant Sphenoid Wing Meningiomas: A Case Series Study*. Brain Sciences 2020, 10 (12): 957. ISSN 2076-3425. **FI: 3.332**

4. **Balasa AF**, Chircov C, Grumezescu AM. *Body Fluid Biomarkers for Alzheimer's Disease—An Up-To-Date Overview*. Biomedicines 2020, 8(10): 421. ISSN 2227-9059. **FI: 4.717**

5. **Balasa AF**, Chircov C, Grumezescu AM. *Marine Biocompounds for Neuroprotection—A Review*. Marine Drugs 2020; 18 (6): 290. ISSN 1660-3397. **FI: 4.073**

6. **Balasa AF**, Hurghis CI, Tamas F, Serban GM, Kovacs A, Florian IA, Chinezu R. *Gross-total versus near-total resection of large vestibular schwannomas. An institutional experience*. Romanian Journal of Morphology and Embryology 2020; 61 (2): 485-492. ISSN 1220-0522; eISSN 2066-8279. **FI: 1.411**

7. Motataianu A, Andone S, Radu C, Bajko Z, Barcutean L, **Balasa A***, Voidazan S, Stoian A, Maier S. *Predictors of Depression in Caucasian Patients with Amyotrophic Lateral Sclerosis in Romania*. Brain Sciences 2020; 10 (8): 470. ISSN 2076-3425. **FI: 3.332, autor corespondent**

8. Balasa R, Barcuteana L, **Balasa A**, Motataianu A, Filip CR, Manu D. *The action of TH17 cells on blood brain barrier in multiple sclerosis and experimental autoimmune encephalomyelitis*. Human Immunology 2020; 81 (5): 237-243. ISSN 0198-8859, eISSN 1879-1166. **FI: 2.412**

9. **Balasa A**, Tamas F, Hurghis C, Maier S, Motataianu A, Chinezu R. *First- onset hypokalemic periodic paralysis following surgery for myxopapillary ependymoma*. World Neurosurgery 2020; 22 (141): 389-394. ISSN 1878-8750, eISSN 1878-8769. **IF: 1.829**

10. **Balasa A**, Serban G, Chinezu R, Hurghis C, Tamas F, Manu D. *The involvement of exosomes in glioblastoma development, diagnosis, prognosis and treatment*. Brain Sciences 2020; 10 (8): 553. ISSN 2076-3425. **FI: 3.332**

11. Mărginean L, Filep RC, Constantin C, **Bălaşa AF**, Muhlfay G. *Fenestration of the cervical internal carotid artery misdiagnosed as dissection*. Romanian Journal of Morphology and Embryology 2020; 61 (1): 257-260. ISSN 1220-0522, eISSN 2066-8279. **FI: 1.411**
12. Florian IA, Timiş TL, Ungureanu G, Florian IS, **Bălaşa A**, Berindan- Neagoe I. *Deciphering the vascular labyrinth: role of microRNAs and candidate gene SNPs in brain AVM development – literature review*. Neurological Research 2020; 28: 1-12. ISSN 0161-6412, eISSN 1743-1328. **IF: 2.401**
13. Romaniuc A, Maier S, Buruiian M, Liptak L, **Bălaşa A**. *Spontaneous spinal epidural haematoma mimicking acute ischaemic stroke: case report*. Acta Neurologica Belgica 2020;120(2):495-497, ISSN 0300-9009, eISSN 2240-2993. **FI: 1.868**
14. Maier S, Motataianu A, Bajko Z, Romaniuc A, **Balasa A**. *Pontine cavernoma haemorrhage at 24 weeks of pregnancy that resulted in eight-and-a-half syndrome*. Acta Neurologica Belgica 2019;119(3): 471-474. ISSN 0300-9009, eISSN 2240-2993. **FI: 1.989**
15. Moţăţăianu AI, Maier MS, Chinezu L, Bărcuţean LI, Voidăzan TS, Bajkó Z, **Bălaşa AF**. *Malignant melanoma – the most severe skin cancer and neurological pathology*. Romanian Journal of Morphology and Embryology 2019, 60 (4): 1207-1214. ISSN 1220-0522; eISSN 2066-8279. **FI: 1.411**
16. Teleanu DM, Ilieşiu A, **Bălaşa AF**, Teleanu RI, Bogaciu NŞ. *Astroblastoma – reviewing literature and one case report*. Romanian Journal of Morphology and Embryology 2018, 59(4):1239-1245. ISSN 1220-0522; eISSN 2066-8279. **FI: 1.500**
17. **Bălaşa AF**, Chinezu R, Teleanu DM, Paşcanu MI, Chinezu L, Borda A. *Ectopic intracavernous corticotroph microadenoma: case report of an extremely rare pathology*. Romanian Journal of Morphology and Embryology 2017; 58(4):1447–1451. ISSN 1220-0522; eISSN 2066-8279. **FI: 0.912**
18. **Balasa A**, Balasa R, Egyed-Zsigmond I, Chinezu R. *Bilateral Thalamic Glioma: Case Report and Review* 2016; Turkish Neurosurgical 2016; 26(2): 321-4. ISSN 1019-5149, eISSN 1019-5149 **FI: 0.560**

19. Bălașa R, Maier S, Baubec EG, Bajkó Z, **Bălașa A.** *Cerebellar and brainstem variant of posterior reversible encephalopathy syndrome.* Acta Neurologica Belgica 2015;115(3):401-3, ISSN 0300-9009, eISSN 2240-2993. **FI: 1.158**
20. Bălașa R, Maier S, Bajko Z, Motataianu A, Crișan A, **Bălașa A.** *Longitudinally extensive transverse myelitis in neuromyelitis optica: a prospective study of 13 Caucasian patients and literature review.* Acta Neurologica Belgica 2015;115(4): 635-42. ISSN 0300-9009, eISSN 2240-2993. **FI: 1.158**

V Lucrări științifice de specialitate publicate în extenso în reviste cotate ISI fără factor de impact (FI)

1. Săceleanu V, Marinescu A.A, **Bălașa A,** Gavrilă A, Ciurea A.V. *Retrospective study of decompressive craniectomy in the treatment of malignant brain edema.* The medical-surgical Journal- Revista medico-chirurgicală 2020, 124 (2): 273-278. ISSN-L 2286-2560, ISSN (online) 2286-2560, ISSN (print) 0048-7848. <https://www.revmedchir.ro/index.php/revmedchir>
2. Stoian A, Motataianu A, Bajko Z, **Balasa A.** *Guillain–Barré and Acute Transverse Myelitis Overlap Syndrome Following Obstetric Surgery.* The Journal of Critical Care Medicine 2020; 6 (1): 74- 79. ISSN 2393- 1809 online ISSN 2393-1817. www.jccm.ro, EBSCO, <https://content.sciendo.com/view/journals/jccm/jccm-overview.xml>

VI. Lucrări științifice de specialitate publicate în extenso în reviste cotate BDI

1. **Bălașa A,** Hurghiș CI, Tămaș F, Florian IA, Peter L, Chinezu R. *Accuracy of 2D Fluoroscopy with Preoperative CT Fused Neuronavigation in Thoracic and Lumbar Pedicle Screw Insertion.* Romanian Neurosurgery 2020; XXXIV (1): 9-14. ISSN 2344-4959 (Online) ISSN 1220-8841 (Print). <https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
2. **Balasa A,** Hurghis CI, Tamas F, Chinezu R. *Patient Positioning in Neurosurgery, Principles and Complications.* Acta Marisiensis- Seria Medica 2020; 66 (1): 9-14. ISSN (print) 2068-3324, ISSN (online) 2668-7763. <https://actamedicamarisiensis.ro>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
3. Motataianu A, Barcutean LI, Maier S, **Balasa A,** Stoian A. *Cardiac Autonomic Neuropathy in Diabetes Mellitus Patients – Are We Aware of the Consequences?.* Acta Marisiensis - Seria Medica 2020;66(1): 3-8. ISSN (print) 2068-3324, ISSN (online) 2668-7763. <https://actamedicamarisiensis.ro>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

4. Motataianu A, Barcutean L, Gherman I, Maier S, Bajko Z, **Balasa A.** *Cerebellar and brainstem infarction secondary to basilar artery dolichoectasia.* Romanian Journal of Neurology 2019; XVII(4): 212-216. ISSN 1843-8148, eISSN 2069-6094. <https://rjn.com.ro/>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

 5. Gherasim DN, Gyorki G, **Balasa A.** *Single center experience and technical nuances in the treatment of distal anterior cerebral artery aneurysms.* Romanian Neurosurgery 2017; XXXI(1): 17-24. ISSN 2344-4959 (Online) ISSN 1220-8841 (Print). <https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

 6. Gál R, Bălașa R, Bajkó Z, Maier S, Simu I, **Bălașa A.** *Lethal Subarachnoid and Intracerebral Haemorrhage Associated with Temporal Arteritis. A Case Report.* The Journal of Critical Care Medicine 2017; 3(4):153–157. ISSN 2393- 1809 online ISSN 2393-1817. www.jccm.ro, EBSCO, <https://content.sciendo.com/view/journals/jccm/jccm-overview.xml>

 7. Andone S, Petrutiu S, Bajko Z, Motataianu A, Maier S, Macavei I, Stoian A, **Balasa A,** Balasa R. *Sporadic Creutzfeld-Jacobs Disease: A Clinical Approach of a Small Case Series and Literature Review.* Romanian Journal of Neurology 2017; XVI(3): 109-115. ISSN 1843-8148, eISSN 2069-6094. <https://rjn.com.ro/>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

 8. Teleanu DM, Bogaciu NS, Marinescu A, Teleanu RI, **Balasa A.** *A Permanent Neurosurgical Challenge - Low Grade Gliomas.* Romanian Journal of Neurology 2016 XV(4):160-167. ISSN 1843-8148, eISSN 2069-6094. <https://rjn.com.ro/>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

 9. Bălașa R, Daboczi M, Costache O, Maier S, Bajko Z, Moțățaiianu A, **Bălașa A.** *Risk factors and diagnosis of cerebral venous thrombosis: Data from a cohort of 45 Romanian patients.* Acta Marisiensis- Seria Medica 2014; 60(5): 207-214. ISSN (print) 2068-3324, ISSN (online) 2668-7763. <https://actamedicamarisiensis.ro>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

 10. **Bălașa A,** Chinezu R, Gherasim DN. *Surgical management of tuberculum sellae and planum sphenoidale meningiomas.* Romanian Neurosurgery 2013; XX(1):92-99. ISSN 2344-4959 (Online) ISSN 1220-8841 (Print). <https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
- Articol luat în calcul la ultima promovare**

11. Balasa R, Bajko Z, **Balasa A**, Mocan S, Chebut O. *An Unusual Case of Wegener's Granulomatosis: Acute Pancreatitis at Onset Followed by Atrio-Ventricular Block, Neurological and Kidney Involvement*. Romanian Journal of Neurology 2013; XII(1):43-46. ISSN 1843-8148, eISSN 2069-6094. <https://rjn.com.ro/>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

Articol luat în calcul la ultima promovare

12. **Adrian Bălașa**, Gherasim DN. *Our experience in surgical treatment of Chiari Type 1 malformations*. Romanian Neurosurgery 2012; XIX(4): 279 – 288. ISSN 2344-4959 (Online) ISSN 1220-8841 (Print). <https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

Articol luat în calcul la ultima promovare

13. **Bălașa A**, Chinezu R, Ács J, Györki G, Gherman B, Lupșa A, Gherasim DN. *Ten Years' Experience In Early Cerebral Aneurysm Clip Occlusion*. Acta Medica- Marisiensis 2012;58(3):145-148. ISSN (print) 2068-3324, ISSN (online) 2668-7763. <https://actamedicamarisiensis.ro>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

Articol luat în calcul la ultima promovare

14. **Balasa A**, Gherasin DN, Gherman B. *Clinical Evolution of Primary Intramedullary Tumors in Adults*. Romanian Journal of Neurology, 2012; XI(4):165-171. ISSN 1843-8148, eISSN 2069-6094. <https://rjn.com.ro/>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

Articol luat în calcul la ultima promovare

VII. Lucrări științifice de specialitate comunicate la Congrese/ Conferințe Naționale, cu rezumat publicat în reviste cotate CNCSIS

The 45th Congress of the Romanian Society of Neurosurgery in conjunction with the 24th French Course in Neurosurgery, Sibiu, 16-19 octombrie, 2019

1. **Balasa A**. *Surgical strategies and clinical results of large to giant sphenoid wing meningiomas*. Romanian Neurosurgery 2019; XXXIII: 22-23. ISSN: 1220-8841 <https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

2. Chinezu R, Hurghis C, Tamas F, **Balasa A.** *Our experience with the use of oICH score in intracerebral haemorrhage.* Romanian Neurosurgery 2019; XXXIII: 41-43. ISSN: 1220-8841 <https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

International Congress for Students, Young Doctors and Pharmacists MARISIENSIS, Târgu Mureş, 27th of March- 31st of March, 2019

1. Şerban G.M, **Bălaşa A.** *Surgical management of vestibular schwannomas.* Acta Medica Marisiensis 2019, 65 (S1): 31. ISSN 2068- 3344, ISSN (online) 2247- 6113 <https://actamedicamarisiensis.ro>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

National Congress with international participation- INSIDE- T.U.M.O.R edition, Târgu Mureş, 0-24 November, 2019

1. Toma G, Hurghiş C, Tămaş F, **Bălaşa A.** *Resection of anaplastic sphenoid wing meningioma.* Acta Medica Marisiensis 2019, 65 (S9): 15. ISSN 2068- 3344, ISSN (online) 2247- 6113 <https://actamedicamarisiensis.ro>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

Days of the University of Medicine and Pharmacy of Tîrgu Mureş, December 11th- 13th, 2017

1. Chinezu R, **Balasa A**, Borda A, Raverot G, Troulllas J, Jouanneau E. *Results of transsphenoidal surgery for non functioning pituitary adenomas in the 9th decade.* Acta Medica Marisiensis 2017, 63 (S4): 95. ISSN-L 2068- 3344, ISSN 2268- 3324 <https://actamedicamarisiensis.ro>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

The 8th International Congress of RSN

1. Chinezu R, **Bălaşa A.** *Surgical management of sellar and parasellar meningiomas.* Romanian Neurosurgery 2012, XIX 4:318-319. ISSN 1220-8841. <https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
2. **Bălaşa A**, D.N Gherasim. *Our experiences in Chiari malformations surgical treatment.* Romanian Neurosurgery 2012, XIX 4:326-327. ISSN 1220-8841. <https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

The 2nd Congress in the Danube-Carpathian Region *Controversies in Neurosurgery*, Cluj-Napoca, May 29th- June 1st, 2012

1. **Bălașa A**, Chinezu R, Hajducsi O. *Surgical management of sellar and parasellar meningiomas*. Romanian Neurosurgery 2012, XIX 2:145-147. ISSN 1220-8841.
<https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO,
<https://www.ebscohost.com/titleLists/a9h-journals.htm>
2. **Bălașa A**, Gherasim DN. *Chiary malformations*. Romanian Neurosurgery 2012, XIX: 151-152. ISSN 1220-8841.
<https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO,
<https://www.ebscohost.com/titleLists/a9h-journals.htm>