



ADRIAN FLORIAN BALASA

Muncă: (România)

EXPERIENȚA PROFESIONALĂ

George Emil Palade University of Medicine, Pharmacy, Science and Technology of Targu Mures – Targu Mures, România

University Professor

[2024 – În curs]

George Emil Palade University of Medicine, Pharmacy, Science and Technology of Targu Mures – Targu Mures, România

Associate Professor

[09/2021 – 2023]

George Emil Palade University of Medicine, Pharmacy, Science and Technology of Targu Mures – Targu Mures, România

University Lecturer

[2013 – 2021]

Neurosurgery Department, County Emergency Clinical Hospital of Targu Mures – Targu Mures, România

Chief of Neurosurgery

[2011 – În curs]

Neurosurgery Department, County Emergency Clinical Hospital of Targu Mures – Targu Mures, România

Primary Neurosurgeon (Ministry of Health Certificate No. 1200, October 2009)

[2009 – În curs]

Neurosurgery Department, County Emergency Clinical Hospital of Targu Mures – Targu Mures, România

Specialist Neurosurgeon (Ministry of Health Certificate No. 500, March 2004)

[2004 – 2009]

EDUCAȚIE ȘI FORMARE PROFESIONALĂ

High School Diploma

Sanitary High School, Craiova, Romania [1984 – 1988]

Localitatea: Craiova | Țara: România



Medical Degree (Diploma Series P, No. 0053262)

Faculty of Medicine, University of Medicine and Pharmacy, Targu Mures [1996]

Localitatea: Targu Mures | Țara: România

Resident in Neurosurgery (Health Ministry Order No. 862 dated 08.03.1997)

Neurosurgery Department, County Emergency Clinical Hospital, Targu Mures [1997 – 2004]

Specialist Neurosurgeon (Health Ministry Order No. 500, April 2004)

Neurosurgery Department, County Emergency Clinical Hospital, Targu Mures [2004 – 2009]

Localitatea: Târgu Mureș | Țara: România

Primary Neurosurgeon (Health Ministry Order No. 1200, October 2009)

Neurosurgery Department, County Emergency Clinical Hospital, Targu Mures [2009 – În curs]

Localitatea: Târgu Mureș | Țara: România

PhD in Medical Sciences (Confirmed by Ministry of Education Order No. 3030, dated 13.01.2009)

University of Medicine and Pharmacy, Targu Mures [2008]

Localitatea: Targu Mures | Țara: România

Master's Degree in Healthcare Management (Confirmed by Ministry of Education Order No. 1372, dated 17.07.2012)

“Lucian Blaga” University, Sibiu [2011 – 2012]

Localitatea: Sibiu | Țara: România

Habilitation- Faculty of Medicine (Confirmed by Ministry of Education Order No. 4459/08.08.2022)

George Emil Palade University of Medicine, Pharmacy, Science and Technology of Targu Mures [2022]

Localitatea: Targu Mures | Țara: România

COMPETENȚE LINGVISTICE

Limbă(i) maternă(e): română

Altă limbă (Alte limbi):

franceză

COMPREHENSIUNE ORALĂ C2 CITIT C1 SCRIS C1

EXPRIMARE SCRISĂ C1 CONVERSAȚIE C1

engleză

COMPREHENSIUNE ORALĂ B2 CITIT B2 SCRIS B2

EXPRIMARE SCRISĂ B2 CONVERSAȚIE B2

Niveluri: A1 și A2 Utilizator de bază B1 și B2 Utilizator independent C1 și C2 Utilizator experimentat

COMPETENȚE

Microsoft PowerPoint / Microsoft Excel / Microsoft Word / Microsoft Office

PUBLICAȚII

Scientific Activity

1. Author of **10 specialty books** published by recognized CNCS-UEFISCDI publishing houses
2. Author of **6 chapters** in collective volumes published by recognized CNCS-UEFISCDI publishing houses
3. **Principal author/co-author of 62 scientific papers**, including:
 - a. 23 papers (principal author) fully published in ISI-indexed journals with impact factor



- b. 9 papers (co-author) fully published in ISI-indexed journals with impact factor
- c. 1 paper (principal author) fully published in an ISI-indexed journal without impact factor
- d. 1 paper (co-author) fully published in ISI-indexed journals without impact factor
- e. 14 papers (principal author) fully published in CNCSIS BDI-indexed journals
- f. 4 papers (co-author) fully published in CNCSIS BDI-indexed journals
- g. 10 papers as first author presented at National Congresses and published as abstracts in CNCSIS BDI-indexed journals
- h. 2 papers as co-author presented at National Congresses and published as abstracts in CNCSIS BDI-indexed journals

I. Doctoral Thesis "Clinical, Imaging and Surgical Aspects of Intra- and Extramedullary Tumors" 2008, 282 pages University of Medicine and Pharmacy Târgu Mureș, Faculty of Medicine Confirmed by Order of the Ministry of National Education No. 3030/13.01.2009

II. Habilitation Thesis "Research on Tumoral and Cerebrospinal Vascular Lesions" 2022, 175 pages University of Medicine, Pharmacy, Science and Technology G.E. Palade of Targu Mures Confirmed by Order of the Ministry of National Education No. 4459/08.08.2022

III. Specialty Books

1. **Bălașa A.**, Chinezu R., Tămaș F., Tămaș C. Vol I: Video Atlas – Basic Neurosurgical Pathology (DVD). University Press Târgu Mureș, 2023, ISBN 978-973-169-778-9, General ISBN: 978-973-169-777-2, CNCSIS code 210
2. **Bălașa A.**, Chinezu R., Tămaș F., Tămaș C. Vol II: Case Based Learning in Neurosurgery (DVD). University Press Târgu Mureș, 2023, ISBN 978-973-169-779-6, General ISBN: 978-973-169-777-2, CNCSIS code 210
3. **Bălașa A.**, Chinezu R., Tămaș F., Tămaș C. Neurosurgery Compendium. University Press Târgu Mureș, 2022, 185 pages, ISBN 978-606-581-188-1, CNCSIS code 210
4. **Bălașa A.**, Chinezu R., Tămaș F., Tămaș C. Basic Principles of Neurosurgical Practice. University Press Târgu Mureș, 2022, 173 pages, ISBN 978-606-581-189-8, CNCSIS code 210
5. Moțățăianu A., Bărcuțean L., Maier S., **Bălașa A.**, Mosora O., Fărcaș A. Medical Care in Neurological Diseases – Course for Nurses. University Press Târgu Mureș, 2019, 152 pages, ISBN 978-973-169-618-8, CNCSIS code 210
6. Bălașa R., Moțățăianu A., **Bălașa A.** Neurology Course, Vol I. University Press Târgu Mureș, 2015, 280 pages, ISBN 978-973-169-452-1, CNCSIS code 210
7. Bălașa R., Maier S., Moțățăianu A., Bajko Z., **Bălașa A.** Neurorehabilitation Course. University Press Târgu Mureș, 2014, 178 pages, ISBN 978-973-297-5, CNCSIS code 210
8. **Bălașa AF.**, Chinezu R., Bălașa R., Chinezu L. Neurosurgery Course. University Press Târgu Mureș, 2014, 143 pages, ISBN 978-973-169-313-2, CNCSIS code 210
9. **Bălașa AF.** Primary Intra- and Extramedullary Tumors of Adults. University Press Târgu Mureș, 2012, 262 pages, ISBN 978-973-169-201-2, CNCSIS code 210
10. **Bălașa A.**, Bălașa R. Surgery of Intra- and Extramedullary Tumors (DVD). University Press Târgu Mureș, 2008, ISBN 978-973-169-036-0, CNCSIS code 210

IV. Chapters in Collective Volumes

1. **Bălașa A.**, Chinezu R. Pineal Cysts, in *Pineal Region Lesions. Management Strategies and Controversial Issues* (edited by Florian I.S.), Springer Nature Switzerland AG, 2020, pp. 239-247, ISBN 978-3-030-50912-5, eBook ISBN 978-3-030-50913-2, <https://doi.org/10.1007/978-3-030-50913-2>
2. **Bălașa A.** Surgical Positioning, Navigation, Important Surgical Equipment, Craniotomy, Closure of Cranial and Spinal Wounds, in *Principles of Neurological Surgery* 4th Edition (edited by Florian I.S., Romanian edition), Hipocrate Publishing House Bucharest, 2019, pp. 103-116, ISBN 978-606-94576-2-7



3. **Bălașa A.** Cavernous Malformations of the Brain and Spinal Cord, in *Principles of Neurological Surgery* 4th Edition (edited by Florian I.S., Romanian edition), Hipocrate Publishing House Bucharest, 2019, pp. 325-334, ISBN 978-606-94576-2-7
4. Dumitrache M., Constantinescu A., **Bălașa A.**, Roșca T. Neuro-ophthalmological Manifestations in Brain Tumors, in *Neuro-ophthalmology Revised and Updated Edition* (edited by Dumitrache M.), Romanian Academy Publishing House Bucharest, 2019, pp. 446-495, ISBN 978-973-27-3126-0, CNCS code 164
5. Bălașa R., **Bălașa A.** Ophthalmological Manifestations in Coma, in *Neuro-ophthalmology Revised and Updated Edition* (edited by Dumitrache M.), Romanian Academy Publishing House Bucharest, 2019, pp. 529-542, ISBN 978-973-27-3126-0, CNCS code 164
6. **Bălașa A.** Intradural Tumors, in *Treatise of Surgery* 2nd Edition, Vol VI – Neurosurgery (edited by Popescu I., Ciucea C.), Romanian Academy Publishing House Bucharest, 2014, pp. 575-595, ISBN 978-973-27-2445-3, CNCSIS code 164

V. Peer-reviewed full-length scientific articles published in ISI-indexed journals with Impact Factor (IF): 2021–2025

1. Sipos TC, Attila K, Kocsis L, **Bălașa A.**, Chinezu R, Baróti BÁ, Pap Z. *Clinicopathological Parameters and Immunohistochemical Profiles in Correlation with MRI Characteristics in Glioblastomas*. Int J Mol Sci. 2024 Dec 4;25(23):13043. **IF: 5.6**
2. Serban GM, Doina M, Balasa R, **Balasa AF.** *Extracellular Vesicle-Based Characterization of Stem Cell Phenotype in Glioblastomas*, Cureus 2024, 16(9): e70403. **IF: 1.2**
3. Tamas C, Tamas F, Kovacs A, Cehan A, **Balasa A.** *Metabolic Contrasts: Fatty Acid Oxidation and Ketone Bodies in Healthy Brains vs. Glioblastoma Multiforme*, IJMS 2024, 25 (10): 5482. **IF: 5.6**
4. Tamas F, Tamas C, Suci B, Manu D, Cehan A, **Balasa A.** *Comparative Analysis of Inflammatory Indexes in Lung Cancer Patients with and without Brain Metastases*, Cureus 2024, 16(5): e60921. **IF: 1.2**
5. Tamas C, Tamas F, Kovacs A, Serban G, Boeriu C, **Balasa A.** *The Role of Ketone Bodies in Treatment Individualization of Glioblastoma Patients*, Brain Sciences 2023, 13(9): 1307. **IF: 3.3**
6. Serban GM, Tamas CI, Tamas F, **Balasa AF.** *Preoperative Immune-Inflammatory Status of the Patients With Newly-Diagnosed Glioblastoma - Could It Genuinely Predict Their Survival?* Cureus. 2023 Aug 20;15(8):e43802. **IF: 1.2**
7. Serban G, Tamas F, Balasa R, Manu D, Tamas C, **Balasa A.** *Prognostic Factors of Survival in Glioblastoma Multiforme Patients- A Retrospective Study*. Diagnostics 2022, 12(11): 2630. EISSN 2075-4418, **IF: 3.992**
8. Tămaș F., Bălașa R., Manu D., Gyorki G., Chinezu R., Tămaș C., **Bălașa A.** *The Importance of Small Extracellular Vesicles in the Cerebral Metastatic Process*, International Journal of Molecular Sciences (IJMS) 2022, 23(3): 1449. **FI : 6.628**
9. Serban G, Tamas F, Balasa R, Manu D, Tamas C, **Balasa A.** *Prognostic Factors of Survival in Glioblastoma Multiforme Patients- A Retrospective Study*. Diagnostics 2022, 12(11): 2630. EISSN 2075- 4418, **FI: 3.992**
10. Forro T, Bajko Z, **Balasa A.**, Balasa, R. *Dysfunction of the Neurovascular Unit in Ischemic Stroke: Highlight on microRNAs and Exosomes as Potential Biomarkers and Therapy*. International Journal of Molecular Sciences (IJMS) 2021, 22(11): 5621. EISSN 1220-5818, **FI: 6.628**
11. Florian IA, Buruiana A, Timis TL, Susman S, Florian IS, **Balasa A.**, Berindan- Neagoe I. *An Insight into microRNAs Associated with Arteriovenous and Cavernous Malformations of the Brain*. Cells 2021, 10(6): 1373. EISSN 2073-4409, **FI: 7.666**
12. Florian IA, Beni L, Moisiu V, Timis TL, Florian IS, **Balasa A.**, Berindan Neagoe I. *'De Novo' Brain AVMs- Hypotheses for Development and a Systematic Review of Reported Cases*. Medicina-Lithuania 2021, 57(3): 201. EISSN 1648-9144, **FI: 2.948**
13. Roman- Filip CC, Stingaciu AR, Rafila A, Catana MG, Dan AA, **Balasa AF.**, Juravle C, Grosu F. *Atypical posterior circulation strokes: a case- based review of rare anatomical variations involved*. Romanian Journal of Morphology and Embriology 2021, 62(1): 289-293. ISSN 1220-0522, **FI: 0.833**



14. Moțățăianu A., Maier S., Andone S., Bărcuțean L., Șerban G., Bajko Z., **Bălașa A.** *Ischemic Stroke in Patients with Cancer: A Retrospective Cross-Sectional Study.* Sciendo 2021, 7(1): 54-61. **FI:0.27**
15. Stoian A, Serban G, Bajko Z, Andone S, Mosora O, **Balasa A.** *Therapeutic plasma exchange as a first- choice therapy for axonal Guillain- Barre syndrome: A case- based review of the literature (Rievew).* Experimental and Therapeutic Medicine 2021, 21(3): 265. ISSN 1792-0981. **FI: 2.751**

V'. Peer-reviewed full-length scientific articles published in ISI-indexed journals with Impact Factor (IF): 2020

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. **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. **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. **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. **FI: 4.717**
5. **Balasa AF,** Chircov C, Grumezescu AM. *Marine Biocompounds for Neuroprotection—A Review.* Marine Drugs 2020; 18 (6): 290. **FI: 4.073**
6. **Balasa AF,** Hurghis CI, Tamas F, Serban GM, Kovacs A, Florian IA, Chineziu 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. **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. **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. **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. **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. **FI: 3.332**
11. Mărginean L, Filep RC, Constantin C, **Bălașa AF,** Muhlfay G. *Fenestration of the cervical internal carotid artery misdiagnosed as dissection.* Romanian Journal of Morphology and Embryology 2020; 61 (1): 257-260. **FI: 1.411**
12. Florian IA, Timiș TL, Ungureanu G, Florian IS, **Bălașa 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. **IF: 2.401**
13. Romaniuc A, Maier S, Buruiian M, Liptak L, **Bălașa A.** *Spontaneous spinal epidural haematoma mimicking acute ischaemic stroke: case report.* Acta Neurologica Belgica 2020;120(2):495-497. **FI: 1.868**

V''. Peer-reviewed full-length scientific articles published in ISI-indexed journals with Impact Factor (IF): 2015-2019

1. 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. **FI: 1.989**
2. Moțățăianu AI, Maier MS, Chinezu L, Bărcuțean LI, Voidăzan TS, Bajkó Z, **Bălașa AF.** *Malignant melanoma – the most severe skin cancer and neurological pathology.* Romanian Journal of Morphology and Embryology 2019, 60 (4): 1207-1214. **FI: 1.411**



3. Teleanu DM, Ilieșiu A, **Bălașa AF**, Teleanu RI, Bogaciu NȘ. *Astroblastoma – reviewing literature and one case report*. Romanian Journal of Morphology and Embryology 2018, 59(4):1239-1245. **FI: 1.500**
4. **Bălașa AF**, Chinezu R, Teleanu DM, Pașcanu 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. **FI: 0.912**
5. **Balasa A**, Balasa R, Egyed-Zsigmond I, Chinezu R. *Bilateral Thalamic Glioma: Case Report and Review* 2016; Turkish Neurosurgical 2016; 26(2): 321-4. **FI: 0.560**
6. 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. **FI: 1.158**
7. 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. **FI: 1.158**

VI. Scientific papers fully published in ISI-indexed journals without impact factor (IF)

1. Săceleanu V, Marinescu A.A, **Bălașa A**, Gavrilei 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>

VII. Scientific papers fully published in BDI-indexed journals: 2017- 2025

1. Tamas C, Cehan AR, Kövecsi A, Tamas F, **Balasa AF**. *Prognostic Role of Pyruvate Kinase M2 in High-Grade Gliomas: A Quantitative Immunohistochemistry Study*. Cureus 2025, 26;17(1): e78035.
2. Tamas F, Tamas CI, Suci BA, **Balasa AF**. *Extracellular Vesicle-Associated Angiopoietin-2 and Cell Migration-Inducing Protein in Lung Cancer Progression and Brain Metastases*. Cureus 2025, 7;17(3):e80200.
3. Florian IA, Timiș TL, Beni L, Șerban L, Florian IS, **Bălașa A**, Neagoe IB. *On thin ice. Does season influence the risk of haemorrhagic stroke from brain vascular malformations?*. Romanian Neurosurgery 2021; XXXV (1): 7-13. 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>
4. Moțățaiianu A, Maier S, Andone S., Bărcuțean L, Șerban G, Bajko Z, **Bălașa A**. *Ischemic Stroke in Patients with Cancer: A Retrospective Cross-Sectional Study*. The Journal of Critical Care Medicine 2021, 7(1): 54-61.
5. **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. <https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
6. **Balasa A**, Hurghis CI, Tamas F, Chinezu R. *Patient Positioning in Neurosurgery, Principles and Complications*. Acta Marisiensis- Seria Medica 2020; 66 (1): 9-14. <https://actamedicamarisiensis.ro>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
7. 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. <https://actamedicamarisiensis.ro>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
8. 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. <https://rjn.com.ro/>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>



9. 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. <https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
10. 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. www.jccm.ro, EBSCO, <https://content.sciendo.com/view/journals/jccm/jccm-overview.xml>
11. Andone S, Petrutiu S, Bajko Z, Motaitianu 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. <https://rjn.com.ro/>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

VII'. Scientific papers fully published in BDI-indexed journals: 2012-2016

1. 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. <https://rjn.com.ro/>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
2. 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. <https://actamedicamarisiensis.ro>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
3. **Bălașa A**, Chinezu R, Gherasim DN. *Surgical management of tuberculom sellae and planum sphenoidale meningiomas*. Romanian Neurosurgery 2013; XX(1):92-99. <https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
4. 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. <https://rjn.com.ro/>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
5. **Adrian Bălașa**, Gherasim DN. *Our experience in surgical treatment of Chiari Type 1 malformations*. Romanian Neurosurgery 2012; XIX(4): 279 – 288. <https://www.journals.lapub.co.uk/index.php/roneurosurgery>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
6. **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. <https://actamedicamarisiensis.ro>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>
7. **Balasa A**, Gherasin DN, Gherman B. *Clinical Evolution of Primary Intramedullary Tumors in Adults*. Romanian Journal of Neurology, 2012; XI(4):165-171. <https://rjn.com.ro/>, EBSCO, <https://www.ebscohost.com/titleLists/a9h-journals.htm>

VIII. Scientific papers presented at National Congresses/Conferences, with abstracts published in CNCSIS-indexed journals RSN Congress, 11-14 September 2024, Sinaia Romania

1. **Balasa A**. *Decision making in epileptic AVMs*, Romanian Neurosurgery, 38(Special Issue), p33, ISSN 1220-8841;
2. **Balasa A**. *Management of extramedullary intradural spinal tumors*, Romanian Neurosurgery, 38(Special Issue), p37, ISSN 1220-8841;
3. **Balasa A**. *Tips and tricks in surgical treatment of large vestibular schwannomas*, Romanian Neurosurgery, 38(Special Issue), p37, ISSN 1220-8841;
4. Ionescu CN, **Balasa AF**, Chinezu R, Mühlhay, G. *Complexity of pituitary adenoma surgery: new approaches in dealing with coplication*, Romanian Neurosurgery, 38(Special Issue), p74-75, ISSN 1220-8841



RSN Congress, 18-21 October 2023 G.E. Palade UMFST Tg Mures

1. Tamas C. Tamas F. Ionescu C. Serban G.M. **Bălașa A.** *The role of ketone bodies in personalized medicine of glioblastoma patients* 2023; Book of Abstracts: 63. ISSN: 2285- 5939
2. Serban G. Manu D.R. Tamas C. Tamas F. **Bălașa A.** *Identification of exosomal patterns in glioblastoma patient as further step towards individualised therapy?* 2023; Book of Abstracts: 62. ISSN: 2285- 5939
3. Tamas F. Manu D.R. Tamas C. Serban G. **Bălașa A.** *The role of exosomes in the cerebral metastatic process* 2023; Book of Abstracts: 60. ISSN: 2285- 5939
4. Ionescu C. Tamas C. **Bălașa A.** *Treatment approaches of large Koss IV vestibular schwannomas- Institutional review* 2023; Book of Abstracts: 76. ISSN: 2285- 5939
5. Andrei Z. Tamas C. Ionescu C. Gavrilovici L. **Bălașa A.** *Brain abccess as first clinical manifestation of pulmonary arteriovenous malformations in a patient with hereditary hemorrhagic teleangiectasia* 2023; Book of Abstracts: 78. ISSN: 2285- 5939
6. Molnar E. Tamas C. **Bălașa A.** *Liponeurocytomas: A case presentation of rare clinicopathological entity* 2023; Book of Abstracts: 88. ISSN: 2285- 5939

International Congress for PhD Students, G.E. Palade UMPST, 5-9 December, 2022, Targu Mures, Romania

1. Tamas C. Bălașa R. **Bălașa A.** *The Feasibility of ketogenic metabolic therapy as a complementary treatment in the management of glioblastoma multiforme* 2022; Book of Abstracts 5: 117. ISSN: 2734- 8199

International Congress for Students, Young Doctors and Pharmacists MARISIENSIS 2022, 4th- 8th May, Targu Mures, Romania

1. Zoea B. Gavrilovici L. **Bălașa A.** *A single center experience: Management of patients with low- grade glioma.* Acta Medica Marisiensis 2022, 68 (S3): 133-134. ISSN: 2668- 7763

International Congress for Students, Young Doctors and Pharmacists MARISIENSIS 2020, 4th- 8th May, Targu Mures, Romania

1. Ostroman I. Hurghis C.I. **Bălașa A.** *Management of acute hydrocephalus in a patient with pineal region tumor.* Act a Medica Marisiensis 2021, 66 (S5): 20. ISSN: 2668- 7755

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
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

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

1. Șerban G.M, **Bălașa A.** *Surgical management of vestibular schwannomas.* Acta Medica Marisiensis 2019, 65 (S1): 31. ISSN: 2068- 3344

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

1. Toma G, Hurghiș C, Tămaș F, **Bălașa A.** *Resection of anaplastic sphenoid wing meningioma.* Acta Medica Marisiensis 2019, 65 (S9): 15. ISSN: 2068- 3344

VIII'. Scientific papers presented at National Congresses/Conferences, with abstracts published in CNCSIS-indexed journals Days of the University of Medicine and Pharmacy of Tîrgu Mureș, December 11th- 13th, 2017

1. Chinezu R, **Balasa A,** Borda A, Raverot G, Trouillas 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.



The 8th International Congress of RSN

1. Chinezu R, **Bălașa A**. *Surgical management of sellar and parasellar meningiomas*. Romanian Neurosurgery 2012, XIX 4:318-319. ISSN 1220-8841.
2. **Bălașa A**, D.N Gherasim. *Our experiences in Chiari malformations surgical treatment*. Romanian Neurosurgery 2012, XIX 4:326-327. ISSN 1220-8841.

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.
2. **Bălașa A**, Gherasim DN. *Chiary malformations*. Romanian Neurosurgery 2012, XIX: 151-152. ISSN 1220-8841.

PERMIS DE CONDUCERE

Permis de conducere: B



ADDITIONAL INFORMATION

A. Research Grants

I. National research grants awarded through competition

National research grants – research teams awarded through competition: **PROJECT DIRECTOR**

"Personalized treatment of glioblastoma – the role of exosome determination,"

INTERNAL COMPETITION FOR SCIENTIFIC RESEARCH GRANTS – RESEARCH TEAMS, SESSION 2020, conducted by the "George Emil Palade" University of Medicine, Science and Technology of Târgu Mureș, Contract number: 10126/2/17.12.2020, amount: 97,394 RON, duration: 2021–2023.

II. International research grants

International research grants – research teams: **RESEARCH TEAM MEMBER**

"Healthcare language learning programme 2 (help 2)," Contract number 6480/22.12.2020, Duration: 2020–2021.

International research grants – research teams: **RESEARCH TEAM MEMBER**

"KA220-HED – Cooperation partnerships in higher education," Contract number 2022-1-IT02-KA220-HED-000088870, Duration: 2023–2024.

International research grants – research teams: **RESEARCH TEAM MEMBER**

"Intramural cells as biomarkers and therapeutic targets for Alzheimer's disease," Contract number 63/14.11.2022, Duration: 2022–2025.

B. Supervised Bachelor Theses

1. "Low-grade intracranial gliomas," 2022
2. "Surgery of posterior fossa tumors," 2021
3. "Glioblastoma surgery," 2021
4. "Postoperative complications of surgical versus endovascular treatment in ruptured internal carotid aneurysms," 2021
5. "Primary adult extramedullary subdural tumors," 2021
6. "Postoperative evolution of craniopharyngiomas," 2021
7. "Correlation between the presence of intradiscal air and spondylolisthesis," 2020
8. "Stereotactic biopsy in neurosurgery," 2019
9. "Surgical management of vestibular schwannoma," 2019
10. "Dynamic retraction as a minimally invasive method in brain surgery," 2019
11. "Parasagittal meningiomas: a pre- versus postoperative assessment of motor function," 2019
12. "Endovascular-assisted treatment of complex cerebral aneurysms," 2018
13. "Spontaneous intracerebral hematomas," 2018
14. "Spontaneous intracerebral hematomas," 2018
15. "Surgical management of pituitary adenomas," 2017
16. "Brain metastases – short-term outcomes," 2016
17. "Approaches to the posterior cranial fossa," 2015
18. "Surgical management of tuberculoma sellae meningiomas," 2014
19. "Primary intramedullary tumors of adults," 2014
20. "Extramedullary spinal tumors," 2014
21. "Surgical management of Arnold-Chiari malformation type I," 2014



C. Member of Committees for Teaching Position Appointments at UMFST Targu Mures

1. Assistant Professor Examination, Neurosurgery Department, Faculty of Medicine, UMFST Targu Mures, 2022 – **Committee Chair**
2. Assistant Professor Examination, Neurosurgery Department, Faculty of Medicine, UMFST Targu Mures, 2021 – **Committee Chair**
3. Assistant Professor Examination, Neurosurgery Department, Faculty of Medicine, UMFST Targu Mures, 2019 – **Committee Member**
4. Senior Lecturer Position Examination, Neurosurgery Department, Psychosomatic Medicine; Neurology and Neurosurgery, Faculty of Medicine, "Lucian Blaga" University of Sibiu, 2017 – **Committee Member**

D. Member of Specialist/Primary Doctor Examination Committees

1. Neurosurgery Specialist Exam Committee, Neurosurgery Department, Targu Mures Emergency County Clinical Hospital, 2022 – **Committee Chair**
2. Neurosurgery Specialist Exam Committee, Neurosurgery Department, Cluj Napoca Emergency County Clinical Hospital, 2022 – **Committee Chair**
3. Neurosurgery Specialist Exam, General Surgery Department, Deva Emergency County Clinical Hospital, 2019 – **Committee Chair**
4. Neurosurgery Specialist Exam, Neurosurgery Department, Targu Mures Emergency County Clinical Hospital, 2017 – **Committee Chair**
5. Neurosurgery Specialist Exam, General Surgery Department, Miercurea-Ciuc Emergency County Clinical Hospital, 2016 – **Committee Chair**

E. Supervisor and Member of Doctoral Guidance Committees

1. A.C. – enrolled 2024 – ongoing
2. S.L. – enrolled 2024 – ongoing
3. G.L. – enrolled 2024 – ongoing
4. T.C. – enrolled 2020 – ongoing
5. T.F. – enrolled 2020 – ongoing
6. Ş.G. – enrolled 2020 – ongoing
7. C.R. – enrolled 2013, thesis publicly defended 2018

F. Member of Editorial Boards

Journals **B+**

Acta Medical Marisiensis 2015

G. Invited Presentations at National and International Scientific Events

1. Romanian-German Course: Brain Tumors, April 20-22, 2023, Cluj-Napoca, Romania
2. Marisiensis Loco-Regional Congress with International Participation, May 4-8, 2022, Targu Mures, Romania
3. National Congress of the Romanian Society of Neurosurgery, September 28 – October 1, 2022, Iasi, Romania
4. Transilvania Interventional Course, November 3-5, 2022, Targu Mures, Romania
5. WFNS Symposium – Cerebral Disease: A Multidisciplinary Approach, September 8-10, 2022, Cluj-Napoca, Romania
6. Romanian-German Course: Pediatric Neurosurgery, April 11-13, 2019, Cluj-Napoca, Romania
7. 12th Edition of the Asklepios Congress for Medical Students and Young Physicians, April 18-21, 2019, Sibiu, Romania
8. Romanian-German Course in Neurosurgery, April 19-21, 2018, Cluj-Napoca, Romania
9. 42nd Congress of the Romanian Society of Neurosurgery, September 15-17, 2016, Cluj-Napoca, Romania
10. 41st Congress of the Romanian Society of Neurosurgery, June 3-6, 2015, Iasi, Romania
11. Romanian-English Course – Advances in Neurosurgery, June 15-17, 2014, Iasi, Romania



12. Top Gun Neurosurgical Team, April 17-21, 2013, Targu Mures, Romania
13. 2nd Congress in the Danube-Carpathian Region – Controversies in Neurosurgery, May 30 – June 1, 2012, Cluj-Napoca, Romania
14. 30th Conference of the Romanian Society of Neurosurgery with International Participation, September 29 – October 1, 2011, Targu Mures, Romania

H. International Postgraduate Courses Completed (2010-2019)

1. 45th Congress of the Romanian Society of Neurosurgery, October 16-19, 2019, Sibiu, Romania
2. 20th Hands-On Workshop on Endoscopic Transnasal Approaches to the Skull Base, April 11-13, 2018, Trier, Germany
3. Romanian-German Course, April 5-7, 2017, Cluj-Napoca, Romania
4. 3rd Congress of Southeast Europe Neurosurgical Society, September 14-16, 2017, Cluj-Napoca, Romania
5. National Conference with International Participation "IMMERSE", November 23-26, 2017, Târgu Mureș, Romania
6. EANS 2016 Congress, September 4-8, 2016, Athens, Greece
7. 5th European Congress of Neurosurgery (EANS 2014), October 12-17, 2014, Prague, Czech Republic
8. National Conference of Neuro-Oncology with International Participation, April 18-20, 2013, Cluj-Napoca, Romania
9. EANS Annual Meeting, November 11-14, 2013, Tel Aviv, Israel
10. 1st WEDNS Romanian Chapter Hands-on Course on the Principles of Cranial Surgery, July 5-7, 2013, Bucharest, Romania
11. German-Romanian Course on Traumatic Brain Injuries and Young Neurosurgeons' Corner, May 29-30, 2012, Cluj-Napoca, Romania
12. 17th Annual EMN Congress, April 27-28, 2012, Cluj-Napoca, Romania
13. 16th Francophone Neurosurgery Course in Romania, September 28, 2011, Bucharest, Romania
14. 14th European Congress of Neurosurgery, October 9-14, 2011, Rome, Italy
15. 1st Regional Congress of Neurosurgery in the Danube-Carpathian Region – Neurosurgical Controversies, May 26-27, 2011, Cluj-Napoca, Romania
16. 15th International Neuroendoscopy Training Course for Neurosurgeons and Neurosurgical Nurses, May 9-12, 2010, Ghent, Belgium
17. 5th International Symposium on Microneurosurgical Anatomy, November 4-6, 2010, Istanbul, Turkey

H'. International Postgraduate Courses Completed (2000-2009)

1. 9th Congress of the European Skull Base Society – Update and Perspectives, April 15-18, 2009, Rotterdam, Netherlands
2. German-Romanian Workshop, April 23-24, 2009, Cluj-Napoca, Romania
3. Annual National Conference of the Romanian Society of Neurosurgery with International Participation, September 29 – October 3, 2009, Sibiu, Romania
4. 5th Congress of the Croatian Neurosurgical Society and Joint Meeting with the Congress of Neurological Surgeons, September 2-5, 2008, Dubrovnik, Croatia
5. Annual National Conference of the Romanian Society of Neurosurgery with International Participation, September 30 – October 4, 2008, Iași, Romania
6. National Conference of Neuro-Oncology with International Participation (EANO), November 21-22, 2008, Cluj-Napoca, Romania
7. Regional Teaching Course in Neurology (EFNS), September 27-29, 2007, Sovata, Romania
8. 8th Congress of the European Skull Base Society, May 2-5, 2007, Prague, Czech Republic
9. 4th German-Moldovan Symposium in Neurosurgery – Recent Advances in Neurological Surgery, May 18-21, 2006, Chișinău, Moldova
10. French Neurosurgery Course, September 28, 2006, Sinaia, Romania



11. 10th Francophone Neurosurgery Course – Annual Conference of Neurosurgery, October 15, 2005, Târgu Mureș, Romania
12. Movement Disorder Society and Romanian Neurology Society Meeting, April 1-3, 2004, Brașov, Romania
13. Annual Neurosurgery Conference with International Participation, September 29 – October 1, 2004, Timișoara, Romania
14. 9th Francophone Neurosurgery Course, October 2, 2004, Timișoara, Romania
15. 8th Francophone Neurosurgery Course, May 31 – June 1, 2003, Bucharest, Romania
16. First Romanian Skull Base Surgery Course Hands-on Session, March 17-21, 2001, Bucharest, Romania
17. 6th Francophone Neurosurgery Course, October 20-21, 2001, Bucharest, Romania
18. Second Romanian-German Neurotrauma Course, October 18-19, 2001, Iași, Romania
19. Fifth European Postgraduate Course in Pediatric Neurosurgery (Second Part), May 19-23, 2000, Brașov, Romania
20. 5th Francophone Neurosurgery Course, October 7-8, 2000, Bucharest, Romania
21. International Teaching Course in Neurology (EFNS), May 28-30, 2000, Târgu Mureș, Romania

I. National Postgraduate Courses Completed

1. Radiation Protection, Level 2, in Diagnostic Radiology, Nuclear Medicine, Cluj-Napoca, April 18-24, 2016 (Series CJ 48055/12.05.2016)
2. 20th French-Speaking Course in Neurosurgery, Iași, June 3, 2015
3. Swallowing Disorders: Etiology, Assessment, Treatment, Târgu Mureș, August 11-12, 2014
4. German-Romanian Course, Cluj-Napoca, April 16-17, 2013
5. Spinal Surgery Course, Târgu Mureș, October 4-6, 2012
6. Sectoral Operational Programme for Human Resources Development 2007-2013, Târgu Mureș, June 1, 2011 – June 30, 2012 (Series MS No. 073 from 28.12.2012)
7. Hospital Accreditation Process, Târgu Mureș, July 6-7, 2012 (Series A No. 052)
8. Hazardous Waste Management, Târgu Mureș, July 13-17, 2012
9. Legislation, Târgu Mureș, September 14-21, 2012
10. Occupational Health and Safety Inspector, Târgu Mureș, September 27 – October 16, 2012
11. 8th Congress of the Romanian Society of Neurosurgery (RSN), Târgu Mureș, September 27-29, 2012
12. Health Management, Târgu Mureș, November 3 – December 3, 2012
13. Communication, Târgu Mureș, November 22-26, 2012
14. Use of Medical Technology Equipment, Târgu Mureș, November 25-29, 2012
15. Project Manager, Târgu Mureș, June 8-20, 2012
16. Entrepreneurial Skills, Târgu Mureș, May 23-26, 2012
17. 6th Medical Conference of Dr. Eugen Nicoară Municipal Hospital Reghin, "Obesity – The Scourge of the Modern World," Reghin, November 10-12, 2012
18. 5th Medical Conference of Dr. Eugen Nicoară Municipal Hospital Reghin, "Neoplasms – The Challenge of the 21st Century," Reghin, November 10-12, 2011
19. Intracranial Vascular Pathology, Cluj-Napoca, July 9-11, 2009
20. Subarachnoid Hemorrhage and Intracranial Aneurysms, Bucharest, March 12-14, 2009
21. Cranio-Cerebral Trauma; Posterior Cranial Fossa Pathology; Internal Hydrocephalus, Cluj-Napoca, July 4-5, 2008
22. Vertebroplasty – Indications and Therapeutic Benefits, Cluj-Napoca, December 5, 2008
23. Donorg Course, Târgu Mureș, March 6-9, 2007
24. Degenerative Spinal Pathology – Neurosurgical Infectious Pathology, Cluj-Napoca, July 6-7, 2007
25. 6th Congress of the Romanian Society of Neurosurgery, Bucharest, September 27-30, 2007
26. Techniques of Spinal Fusion for Cervical Spine Disorders, Cluj-Napoca, March 9-10, 2006
27. Efficient Dementia Management, Târgu Mureș, April 14, 2005
28. 5th Congress of the Romanian Society of Neurosurgery, Bucharest, May 28-30, 2003



29. Introduction to Neuroendoscopy, Cluj-Napoca, April 8-12, 2002
30. Romanian Neurosurgical Conference, Iași, October 17-19, 2001
31. 5th French-Speaking Course in Neurosurgery, Bucharest, 07-08, 2000
32. Romanian Neurosurgical Conference, Bucharest, October 4-6, 2000
33. 1st French-Speaking Course in Interventional Neuroradiology, Timișoara, February 26-27, 1999
34. Romanian Neurosurgical Symposium, Baia Mare, September 23-26, 1998
35. 3rd French-Speaking Course in Neurosurgery, Baia Mare, September 26-27, 1998

J. Specializations Abroad

1. Neurosurgery Department, Assistance Publique Hôpitaux de Marseille, Hospital Nord, France (2002), Prof. Dr. Bernard Alliez
2. Neurosurgery Department, Centre Hospitalier Régional et Universitaire de Tours, France (1997), Prof. Dr. Michel Jan

K. Awards and Distinctions Granted by Scientific Institutions or National/International Scientific Societies

I. Awards for Research Article Results

1. Balasa AF, Chircov C, Grumezescu AM. Marine Biocompounds for Neuroprotection—A Review. *Marine Drugs* 2020. UEFSCDI Code PN-III-1.1-PRECISI-2020-46424. Award of 6,000 RON.
2. Balasa AF, Chircov C, Grumezescu AM. Body Fluid Biomarkers for Alzheimer's Disease—An Up-To-Date Overview. *Biomedicines* 2020. UEFSCDI Code PN-III-1.1-PRECISI-2020-51910. Award of 6,000 RON.
3. 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. UEFSCDI Code PN-III-P1-1.1-PRECISI-2020-48070. Award of 2,000 RON.
4. 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. UEFSCDI Code PN-III-P1-1.1-PRECISI-2020-51714. Award of 2,000 RON.

II. Awards for Scientific Research at UMFST Targu Mures

- Diploma of Excellence for scientific research obtained in 2020. Award of 1,000 euros.

L. Member of the Scientific Organizing Committee of National Scientific Events

The 48th Congress of the Romanian Society of Neurosurgery. 27th Edition of the French Course in Neurosurgery, October 18-21, 2023

- President of the local organizing committee

The 30th Conference of the Romanian Society of Neurosurgery with International Participation, September 28 – October 1, 2011, Târgu Mureș

- President of the local organizing committee

N. Leadership Positions in Professional Organizations

Vice President of the Romanian Society of Neurosurgery, 2023 – present

Vice President of the Romanian Society of Neurosurgery, 2016–2018

O. Major Fields of Interest

Brain and spinal tumors

Cerebral aneurysms

Vascular malformations



Degenerative spinal pathology

P. International Recognition in the Academic Community

Hirsch Index – Clarivate Analytics (Web of Science) – Core Collection: 10

Citations: 402

MANAGEMENT AND LEADERSHIP SKILLS

Head of Neurosurgery Department / Head of Neurosurgery Discipline

Master's Degree in Healthcare Management

Coordinator for the accreditation process training – 2012

Leadership as Head of Neurosurgery Department, Emergency Clinical County Hospital Târgu Mureş, Head of Neurosurgery Discipline, UMFST Târgu Mureş

Responsible for Good Clinical Practice within the Neurosurgery Department

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and Interpersonal Skills

Senior Neurosurgeon / University Professor of Neurosurgery

Strong communication skills acquired through university lecturing, course delivery, presentations, and conferences

26.01.2026