ANNEX TO THE CURRICULUM VITAE

1. Books and Book Chapters
2. List of Relevant Publications (Selection – Web of Science Indexed Articles)
3. List of Relevant Publications (Selection – Articles Indexed in International Databases).

Books and Book Chapters

1. Atlas of Neuroanatomical Terminology, **Andrei Cucu (author).** Springer Nature Switzerland AG, 1st ed., 2026. Hardcover ISBN: 978-3-032-30060-7; eBook ISBN: 978-3-032-30061-4 (XVI, 156 pp.).
   https://link.springer.com/book/9783032300607

2. Frontiers in Hydrocephalus, Xianli LV (ed.), chapter: Hydrocephalus in Tuberculous Meningitis, Olga-Adriana Caliman-Sturdza, **Andrei Cucu (co-author).** IntechOpen, 2023. ISBN: 978-1-83768-129-7 (pp. 1–23).
   https://www.intechopen.com/chapters/86470

3. (Un)ethical Experiments, Olga Gancevici, Ana-Maria Andrei (eds.), chapter: The Rise and Fall of Classical Psychosurgery in the Nineteenth Century, **Andrei Cucu (author).** Ștefan cel Mare University Press, Suceava. ISBN: 978-973-666-768-8 (pp. 93–113).
   https://www.researchgate.net/publication/375186811_Experimente_neetice

4. Atypical Intracranial Meningiomas, **Andrei Cucu (author).** Ștefan cel Mare University Press, Suceava, 2022. ISBN: 978-973-666-723-7 (86 pp.).
   http://editura.usv.ro/index.php?id_product=402&controller=product&search_query=cucu&results=6

5. General Surgery and Surgical Specialties, Peter F. Lawrence; Octavian Crețu, Viorel Jinga, Viorel Scripcariu (coordinators of the Romanian edition), Chapter 30: Neurosurgery – Diseases of the Nervous System. English-to-Romanian translation by **Andrei Cucu.** Hipocrate Publishing House, 2021. ISBN: 978-606-95178-1-9 (pp. 676–718).

6. Updates in Modern Neurosciences, Vol. II, Dănuț Costin, Lucian Eva (eds.), chapter: Penetrating Orbitocranial Injuries with Foreign Bodies, **Andrei Ionuț Cucu**, Claudia Florida Costea, Gabriela Florența Dumitrescu, Anca Sava, Ana-Maria Dumitrescu,

Ioana Viorela Jitaru, Mihaela Dana Turliuc. PIM Publishing House, Iași, 2020. ISBN: 978-606-13-5848-9 (pp. 122–140).

7. Updates in Modern Neurosciences, Vol. I, Dănuț Costin, Lucian Eva (eds.), chapter: Neuro-Ophthalmology: Past, Present and Future, Claudia Florida Costea, Gabriela Dimitriu, **Andrei Cucu,** Gabriela Florența Dumitrescu, Anca Sava, Mihaela Dana Turliuc. PIM Publishing House, Iași, 2019. ISBN: 978-606-13-5242-5 (pp. 241–252).

8. Treatise of Surgery, 2nd Edition, Vol. VI: Neurosurgery, Irinel Popescu, Constantin Ciuce (eds.); Ioan Ștefan Florian, Ion Poeată (volume coordinators), chapter: Vascularization of the Brain, Mihaela Dana Turliuc, **Andrei Ionuț Cucu.** Romanian Academy Publishing House, Bucharest, 2014. ISBN: 978-973-27-2445-3 (pp. 358–361).

9. Guide to Ophthalmic Pathology: Disorders of the Eyelids and Conjunctiva, Anca Sava, Claudia Florida Costea, Gabriela Florența Dumitrescu (authors); Gabriela Dimitriu, Magda Broșteanu, Camelia Tamaș, Dana Turliuc, Irina Iuliana Costache, Cătălin Buzdugă, Alexandru Cărăuleanu, **Andrei Cucu (co-authors).** Academy of Sciences of Moldova Publishing House, Chișinău, 2015. ISBN: 978-9975-85-007-0 (427 pp.). https://revanatomie.ro/en/abstract.php?an_rev=2020&nr_rev=4&nr_art=6

10. Guide de Pathologie Ophtalmologique – Affections des Paupières et de la Conjonctive, Anca Sava, Claudia Florida Costea, Gabriela Florența Dumitrescu (authors); Gabriela Dimitriu, Magda Broșteanu, Camelia Tamaș, Dana Turliuc, Irina Iuliana Costache, Cătălin Buzdugă, Alexandru Cărăuleanu, **Andrei Cucu (co-authors).** UNIVERSA, Belgium, 2015. ISBN: 978-9062-81-028-4 (444 pp.).

List of Relevant Publications (Selection – Web of Science Indexed Articles)

1. Morosan PA, Popa TO, Nedelea P, Bobu A, **Cucu AI,** Bouros C, Popa V, Haisan A, Grigorasi G, Corlade Andrei M, Cimpoesu D. Barriers to Protocol Adherence in Emergency Departments and Evidence-Based Strategies for Successful Implementation: A Scoping Review. J Clin Med. 2026 Aug 19;15(16):6420. doi: 10.3390/jcm15166420. PMID: 42652824; PMCID: PMC13513292. https://pubmed.ncbi.nlm.nih.gov/42652824/

2. Vamanu A, Mastaleru A, Schreiner TG, Popescu G, Roceanu AM, **Cucu AI,** Patrascu A, Vulpoi GA, Bilcu RV, Cozma RS, Olariu R, Bistriceanu CE, Covali R, Cuciureanu DI, Ciubotaru A. Pharmacological and Clinical Heterogeneity of Anti-Amyloid Monoclonal Antibodies in Early Alzheimer's Disease: A Systematic Review and Meta-Analysis of Randomized Trials. Med Sci (Basel). 2026 Jun 23;14(3):337. doi: 10.3390/medsci14030337. PMID: 42506306; PMCID: PMC13413489. https://pubmed.ncbi.nlm.nih.gov/42506306/

3. Buzduga CM, Bobu AM, Covali R, Costea CF, **Cucu AI**, Graur M, Patrascanu E, Solomon-Condriuc I, Carauleanu A. Menopausal Hormone Therapy and Cardiovascular Risk: Current Evidence and Clinical Implications. Med Sci (Basel). 2026 Jun 10;14(2):298. doi: 10.3390/medsci14020298. PMID: 42346837; PMCID: PMC13303810. https://pubmed.ncbi.nlm.nih.gov/42346837/

4. Ciubotaru A, Mastaleru A, Schreiner TG, Grosu C, Alexa D, Oancea A, Vamanu A, Roceanu AM, **Cucu AI,** Pana BI, Cozma RS, Olariu R, Dan Iulian C, Ignat EB. CGRP-Targeting Therapies in Vestibular Migraine: A Synthesis of Observational Evidence with Direction-of-Effect Analysis. Med Sci (Basel). 2026 Jun 4;14(2):288. doi: 10.3390/medsci14020288. PMID: 42346827; PMCID: PMC13302932. https://pubmed.ncbi.nlm.nih.gov/42346827/

5. Turlea C**, Cucu AI**, Carauleanu A, Covali R, Tamas C, Popa MA, Constantinescu V, Morosan AP, Porumb-Andrese E, Prutianu I, Costea CF, Bobu A, Hristea A, Nemtoi A. Parry-Romberg Syndrome: Radioclinical Dissociation in a Paucisymptomatic Form and a Proposed Diagnostic Framework. Diagnostics (Basel). 2026 Apr 19;16(8):1219. doi: 10.3390/diagnostics16081219. PMID: 42072844; PMCID: PMC13115147. https://pubmed.ncbi.nlm.nih.gov/42072844/

6. Bobu AM, **Cucu AI,** Bianucci R. Gouty tophi in Domenico Fetti's Archimedes: a clinico-iconographic analysis. J Endocrinol Invest. 2026 Mar 28. doi: 10.1007/s40618-026-02867-7. Epub ahead of print. PMID: 41903030.
https://pubmed.ncbi.nlm.nih.gov/41903030/

7. Bobu AM, Duca ȘT, **Cucu AI,** Avieriței DA, Ponor CG, Cepoi MR, Cucută S, Dmour BA, Costea CF, Botnariu G, Costache-Enache II. From Beat to Risk: How Heart Rate Variability Predicts Arrhythmias in Type 2 Diabetes. Life (Basel). 2026 Mar 21;16(3):520. doi: 10.3390/life16030520. PMID: 41901038; PMCID: PMC13027480.
https://pubmed.ncbi.nlm.nih.gov/41901038/

8. Carauleanu A, Buzduga CM, Tudosa RI, Costea CF, Morosan AP, Nemtoi A, Patrascanu E, Toma GM, Tamas C, Haisan A, Covali R, **Cucu AI,** Bobu AM. Maternal Blood as a Window to the Fetal Heart: Novel Biomarkers for Early Detection of Septal Defects. Biomedicines. 2026 Mar 5;14(3):586. doi: 10.3390/biomedicines14030586. PMID: 41898233; PMCID: PMC13024671.
https://pubmed.ncbi.nlm.nih.gov/41898233/

9. **Cucu AI,** Buzduga CM, Carauleanu A, Axinte S, Nemtoi A, Toma GM, Covali R, Bobu AM, Sava A, Prutianu I, Tamas C, Costea CF, Simalcsik A. An Abnormally Long Styloid Process Without Stylohyoid Ligament Ossification: Morphological and CT Findings from Two Dry Skulls. Life (Basel). 2025 Nov 24;15(12):1795. doi: 10.3390/life15121795. PMID: 41465735; PMCID: PMC12734098.
https://pubmed.ncbi.nlm.nih.gov/41465735/

10. Morosan PA, Bobu AM, Carauleanu A, Popa R, Costea CF, Filip C, Buzduga CM, Patrascanu E, **Cucu AI,** Tudosa RI, Covali R, Haisan A. Zilebesiran as an Innovative siRNA-Based Therapeutic Approach for Hypertension: Emerging Perspectives in Cardiovascular Medicine. Int J Mol Sci. 2025 Nov 4;26(21):10717. doi: 10.3390/ijms262110717. PMID: 41226756; PMCID: PMC12608415.
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11. **Cucu AI,** Buzduga CM, Widulin N, Nemtoi A, Bobu AM, Costea CF, Filip R, Porumb V, Morosan AP, Carauleanu A, Sava A, Porumb-Andrese E, Patrascanu E, Tamas C, Nerlich AG. Pulmonary Tuberculosis in the 19th Century: A Historical Case Study of Dr. Șerban Eminovici, Romanian Physician and Brother of Poet Mihai Eminescu. Pathogens. 2025 Oct 21;14(10):1067. doi: 10.3390/pathogens14101067. PMID: 41156677; PMCID: PMC12567160.
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12. Ciubotaru A, Covali R, Grosu C, Alexa D, Pilă EF, **Cucu AI**, Bobu AM, Sargu GD, Riscanu L, Tirnovanu MC, Adam C, Popa R, Filip C, Ignat EB. Fingolimod as a Neuroprotective Agent in Ischemic Stroke: A Review of Preclinical and Clinical Evidence. J Clin Med. 2025 Sep 25;14(19):6797. doi: 10.3390/jcm14196797. PMID: 41095877; PMCID: PMC12524549.
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13. Dascălu CG, **Cucu AI,** Vovciuc A, Axinte S, Turliuc S, Bobu AM, Tamas C, Porumb V, Patrascanu E, Buzduga CM, Blanaru PA, Morosan AP, Prutianu I, Covali R, Pruteanu AI, Costea CF, Carauleanu A. Decoding Fear: Analysis and Prognosis of Preoperatory Stress Level Through Advanced Statistical Modelling-A Prospective Study Across Multiple Surgical Specialties. Med Sci (Basel). 2025 Sep 5;13(3):181. doi: 10.3390/medsci13030181. PMID: 40981179; PMCID: PMC12452544.
https://pubmed.ncbi.nlm.nih.gov/40981179/

14. **Cucu AI,** Turliuc Ş, Sandiuc Pietsch MC, Dascălu CG, Boişteanu O, Bobu AM, Costea CF, Prutianu I, Cărăuleanu A, Buzdugă CM, Covali R, Tamaş C, Hristea A, Pătrăşcanu E. Facing the Knife, Finding the Spirit? A Study of Daily Spiritual Experiences Scale (DSES) Scores in Romanian Surgical and Non-Surgical Patients. Healthcare (Basel). 2025 Jul 25;13(15):1820. doi: 10.3390/healthcare13151820. PMID: 40805853; PMCID: PMC12345760.
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15. Sargu GD, Covali R, Filip C, Butureanu T, Akad M, Păvăleanu I, **Cucu AI,** Bobu AM, Riscanu L, Lacatusu D, Irina Smihor M, Popa R. Embolic Stroke of Undetermined Source (ESUS): Exploring the Neurocardiological Axis and Its Clinical Implications. Medicina (Kaunas). 2025 Jul 10;61(7):1252. doi: 10.3390/medicina61071252. PMID: 40731881; PMCID: PMC12299637.
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16. Nerlich AG, Peschel OK, **Cucu AI**, Bobu AM, Perciaccante A, Donell ST, Payne-James J, Bianucci R. The Iconodiagnosis of Johann Friedrich I. von Sachsen (1503-1554)'s Facial Wound and Cause of Death. J Craniofac Surg. 2025 Jul 16. doi: 10.1097/SCS.0000000000011666. Epub ahead of print. PMID: 40668184.
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17. Anicăi RC, Ciubotaru A, Grosu C, Alexa D, Covali R, Păvăleanu I, **Cucu AI,** Bobu AM, Ghiciuc CM, Leon MM, Maștaleru A, Ignat EB. The Role of MRI Lesions in Identifying Secondary Progressive Multiple Sclerosis: A Comprehensive Review. J Clin Med. 2025 Jun 10;14(12):4114. doi: 10.3390/jcm14124114. PMID: 40565860; PMCID: PMC12194792.
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19. Cărăuleanu A, David C, Mogoş SJ, Costăchescu G, Solomon-Condriuc IP, **Cucu AI,** Tănase GV, Costea CF, Socolov DG, Scripcariu DV, Petrariu FD, Tănase AE, Tănase DM. Fibroepithelial lesions: assessing the risk of malignant phyllodes tumors in the breast. Rom J Morphol Embryol. 2025 Jan-Mar;66(1):131-136. doi: 10.47162/RJME.66.1.12. PMID: 40384199; PMCID: PMC12236291.
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21. Tanase DM, Valasciuc E, Anton IB, Gosav EM, Dima N, **Cucu AI**, Costea CF, Floria DE, Hurjui LL, Tarniceriu CC, Ciocoiu M, Floria M. Matrix Metalloproteinases: Pathophysiologic Implications and Potential Therapeutic Targets in Cardiovascular Disease. Biomolecules. 2025 Apr 17;15(4):598. doi: 10.3390/biom15040598. PMID: 40305314; PMCID: PMC12025335.
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22. Bobu AM, **Cucu AI,** Perciaccante A, Asensi V, Costache Enache II, Bianuci R. Depicting gouty arthritis at the Royal Court of Spain: the case of Pablo de Valladolid (1587-1648), the jester of King Philip IV. Rheumatol Int. 2025 Apr 15;45(5):103. doi: 10.1007/s00296-025-05866-8. PMID: 40232514.
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24. Tanase DM, Valasciuc E, Gosav EM, Floria M, Buliga-Finis ON, Ouatu A, **Cucu AI,** Botoc T, Costea CF. Enhancing Retinal Resilience: The Neuroprotective Promise of BDNF in Diabetic Retinopathy. Life (Basel). 2025 Feb 9;15(2):263. doi: 10.3390/life15020263. PMID: 40003672; PMCID: PMC11856995.
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25. **Cucu AI,** Sava A, Bobu AM, Costea CF, Hartie VL, Patrascanu E, Blaj LA, Buzduga CM, Dumitrescu AM, Tamas C, Istrate AC, Boisteanu O. A Case Report of Madelung's Disease in Romania. Diagnostics (Basel). 2025 Feb 13;15(4):459. doi: 10.3390/diagnostics15040459. PMID: 40002610; PMCID: PMC11854196.
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26. Tănase AE, Mogoş RA, Mogoş SJ, Bran ŞR, Gîscă TC, Solomon-Condriuc IP, Costea CF, Tănase GV, **Cucu AI**, Socolov DG, Petrariu FD, Pruteanu EA, Socolov RV, Buzdugă CM, Cărăuleanu A. Evaluation of the lymphocyte population and placental inflammation in pregnant patients with moderate or severe COVID-19 forms - a secondary analysis. Rom J Morphol Embryol. 2024 Jul-Sep;65(3):493-498. doi: 10.47162/RJME.65.3.11. PMID: 39529342; PMCID: PMC11657370.
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30. Silişteanu SC, Antonescu E, Duică L, Totan M, **Cucu AI,** Costea AI. Lumbar Paravertebral Muscle Pain Management Using Kinesitherapy and Electrotherapeutic Modalities. Healthcare (Basel). 2024 Apr 18;12(8):853. doi: 10.3390/healthcare12080853. PMID: 38667615; PMCID: PMC11050304.
https://pubmed.ncbi.nlm.nih.gov/38667615/

31. Costea CF, **Cucu AI**, Dumitrescu GF, Sava A, Dimitriu G, Boţoc T, Popescu MR, Buzdugă CM, Dumitrescu AM, Stărică A, Macovei G, Prutianu I, Blaj LA, Tănase DM, Scripcariu DV. Epidemiological and histopathological aspects of ocular melanomas in Northeastern Romania. Rom J Morphol Embryol. 2024 Jan-Mar;65(1):35-44. doi: 10.47162/RJME.65.1.05. PMID: 38527982; PMCID: PMC11146456.
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32. **Cucu AI,** Costea CF, Macovei G, Dumitrescu GF, Sava A, Blaj LA, Prutianu I, Porumb-Andrese E, Dascălu CG, Coşman M, Poeată I, Turliuc Ş. Clinicopathological characteristics and prognostic factors of atypical meningiomas with bone invasion: a retrospective analysis of nine cases and literature review. Rom J Morphol Embryol. 2023 Oct-Dec;64(4):509-515. doi: 10.47162/RJME.64.4.07. PMID: 38184831; PMCID: PMC10863686.
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