

CURRICULUM VITAE

ROSCA ELENA-CECILIA

Personal information:

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Professional Experience:

- 2021 – present – Professor– Medicine, Victor Babes University of Medicine and Pharmacy of Timisoara
- 2021 – Habilitation – Medicine, Victor Babes University of Medicine and Pharmacy of Timisoara
Habilitation thesis: „Perspectives in Clinical Research in Neurology“
- 2019 – 2021 - Associate Professor - University of Medicine and Pharmacy “Victor Babes” Timisoara, Department of Neurology
- 2013 – 2019 - Lecturer – University of Medicine and Pharmacy “Victor Babes” Timisoara, Department of Neurology II
- 2011 – present - Neurologist – Clinical Emergency County Hospital Timisoara, Department of Neurology II
- 2011 – 2013 - Assistant Professor – University of Medicine and Pharmacy “Victor Babes” Timisoara, Department of Neurology II
- 2005 – 2011 - Teaching Assistant – University of Medicine and Pharmacy “Victor Babes” Timisoara, Department of Neurology
- 2005 – 2010 - Resident in Neurology – Clinical Emergency County Hospital Timisoara, Department of Neurology
- 2005 – 2009 - Doctoral Student – University of Medicine and Pharmacy “Victor Babes” Timisoara
Doctoral thesis: “The anatomo-physiology of the normal and impaired mathematic calculation in relation with praxo-gnosic and language disorders” (Magna cum Laude).
Supervisor: Professor Zolog Alexandru, MD, PhD.
- 2003-2004 - Medical Doctor – Hospital “Louis Turcanu” Timisoara

Education:

- 2020 – Complex Reviews, Postgraduate course, Oxford University
- 2020 - Certification to administer the Scale of the Assessment and Rating of Ataxia (SARA); German Center for Neurodegenerative Diseases (DZNE) in the Helmholtz Association (SCA Global,ARCA)
- 2017 – Short Term Fellowship in Meta-analysis and Biostatistics (under the supervision of Dr. Antonio Facciorusso) - Ospedali Riuniti di Foggia, Italy.
- 2014 – The 3rd National Movement Disorders Teaching Course, Poiana Brasov, Romania, 2-4 April.

- 2013 – Uncommon Causes of Movement Disorders, 11-12 October, Rome, Italy
- 2013 – EFNS Spring School for Young Neurologists, Stare Splavy, 9-12 May 2013.
- 2011 – Dopamine Transporter Imaging in Neurological Practice, Vienna, 25 November 2011.
- 2011 – Diagnosis and Treatment of Dystonia Syndromes - Movement Disorder Society, Milan, 22-23 September 2011.
- 2010 – 3rd Annual Movement Disorder Society European Summer School for Young Neurologists, Radboud University, Nijmegen, 9-11 July 2010.
- 2009 – 27th European Workshop on Cognitive Neuropsychology, Bressanone, Italy, 25-30 January 2009.
- 2008 – Epi-Expert 5 - Educational Program on epilepsy management – Romanian Society of Neurology.
- 2007 - The VIIIth Francophone Cours of Neurosciences, Timisoara.
- 2007 - Epi-Expert 4 - Educational Program on epilepsy management – Romanian Society of Neurology.
- 2007 - Regional Teaching Course in Neurology – EFNS, Romanian Society of Neurology, University of Medicine and Pharmacy Targu Mures
- 2007 - NUMBRA (FP6 Marie Curie Research Training Network) – Summer School on Numeracy and Brain Development, Santorini, Greece
- 2007 - Danubian Neurological Teaching Course – The Society for the Study of Neuroprotection and Neuroplasticity
- 2006 - Postgraduate course of psycho-pedagogy and didactics – West University of Timisoara (Curs postuniversitar de specializare psihopedagogica si didactica)
- 2005 - The Management of Medical and Pharmaceutical Scientific Research Projects - University of Medicine and Pharmacy “Victor Babes” Timisoara (Managementul Proiectelor de Cercetare Stiintifica Medicala si Farmaceutica)
- 2004 - Training on Good Clinical Practice in Clinical Research
- 1995-2002 - University of Medicine and Pharmacy “Victor Babes” Timisoara

Membership:

- 2007 - present Member of Romanian Society of Neurology (SNR)
- 2007 – 2014 Member of European Federation of Neurological Societies (EFNS)
- 2013 - 2017 Member of the EFNS Scientist Panel – Subcommittee of Infectious Diseases
- 2015 – present Member of European Academy of Neurology (EAN)
- 2008 - present Member of European Association of Young Neurologists and Trainees (EAYNT)
- 2010 – present Member of International Parkinson and Movement Disorder Society (MDS)
- 2021 – present Member of the MDS Multiple System Atrophy Study Group
- 2021 – present Member of the MDS Mild Cognitive Impairment in Parkinson Disease Study Group
- 2021 – present Member of the MDS Infection Related Movement Disorders (IRMD) Study Group
- 2023 – present Sigma Xi The Scientific Research Honor Society

Awards, scholarships, grants:

- 2022 Oxford University Press campaign Public Health Headlines highlighting articles that were featured in major news stories over past year. Elena C Rosca, MD, PhD, Carl Heneghan, DPhil (Oxon), Elizabeth A Spencer, PhD, Jon Brassey, BSc, Annette Plüddemann, PhD, Igho J Onakpoya, MD, DPhil, David H Evans, PhD, John M Conly, MD, PhD, Tom Jefferson, MD, Transmission of SARS-CoV-2 associated with aircraft travel: a systematic review, Journal of Travel Medicine 2021; 28(7), taab133.
https://pages.oup.com/scimed/1447564094387729421/public-health-headlines?utm_campaign=1447563531548529655&utm_source=third%20party&utm_medium=referral&utm_content=&utm_term= (As accessed on 1 March 2022)
- 2022 Excellent Scientific Research, Victor Babes University of Medicine and Pharmacy Timisoara – First prize (Cercetare Stiintifica de Excelenta)
- 2021 UEFISCDI Prize, Ministry of National Education - Rewarding research results – articles PRECISI 2021- PN-III-DCD-RU-PRECISI-2021-6 (1 article)
- 2020 UEFISCDI Prize, Ministry of National Education - Rewarding research results – articles PRECISI 2020 - PN-III-DCD-RU-PRECISI-2020-5 (2 articles)
- 2019 UEFISCDI Prize, Ministry of National Education - Rewarding research results - articles PRECISI-2019 – PN-III-DCD-RU-PRECISI-2019-4 (3 articles)
- 2016 UEFISCDI Prize, Ministry of National Education - Rewarding research results - articles PRECISI-2016 – PN-III-P1-1.1
- 2011 Bursary for participation in the Diagnosis and Treatment of Dystonia Syndromes MDS (Movement Disorder Society) Course, Milan, September 2011.
- 2010 Bursary for participation in the 14th Congress of the EFNS (European Federation of Neurological Societies), Geneva, September 2010.
- 2010 Bursary for participation in the 3rd Annual Movement Disorder Society European Summer School for Young Neurologists, Radboud University, Nijmegen.
- Best Poster – First Prize – Symposium on Actualities in Infectious Diseases, Timisoara 2010.
- 2009 Bursary for participation in the 13th Congress of the EFNS (European Federation of Neurological Societies), Florence, September 12-15, 2009.
- 2008 ENS (European Neurological Society) Young Neurologists in Training grant.
- 2008 EFNS (European Federation of Neurological Societies) Department to Department Cooperation Programme grant - RWTH Aachen University Clinic, Section Neuropsychology (Under the supervision of Prof. Dr. Rer.nat. Klaus Willmes – von Hinckeldey).
- 2007 Oxford Colleges Hospitality Scheme (Under the supervision of Dr. Ann Dowker).

Publications:

Rosca EC , Perez-Lloret S, Crispo J, Macerollo A, Sikora L, Simu M. Montreal Cognitive Assessment test for mild cognitive impairment and dementia in Parkinson’s Disease. Cochrane database of Systematic Reviews. Title registered, protocol under review (Cochrane Movement Disorders Group).

Rosca EC, Al-Qiami A, Cornea A, Simu M. Parsonage–Turner Syndrome following COVID-19 Vaccination: A Systematic Review. Vaccines. 2024; 12(3):306.
<https://doi.org/10.3390/vaccines12030306>

- Rosca EC, Cornea A, Simu M. Emerging Trends in Complications Associated with SARS-CoV-2 Infection. *Biomedicines*. 2023;12(1):4. doi: 10.3390/biomedicines12010004.
- Rosca EC, Bilavu R, Cornea A, Simu M. The frequency of SARS-CoV-2 infection/vaccination-related chorea depends on the inclusion/exclusion criteria - author's reply. *Int J Infect Dis*. 2023;137:159-160. doi: 10.1016/j.ijid.2023.09.023.
- Rosca EC, Bilavu R, Cornea A, Simu M. Chorea following SARS-CoV-2 infection and vaccination: a systematic review of reported cases. *Int J Infect Dis*. 2023;134:256-260. doi: 10.1016/j.ijid.2023.07.001.
- Rosca EC, Heneghan C, Spencer EA, Plüddemann A, Maltoni S, Gandini S, Onakpoya IJ, Evans D, Conly JM, Jefferson T. Coinfection with *Strongyloides* and SARS-CoV-2: A Systematic Review. *Trop Med Infect Dis*. 2023;8(5):248. doi: 10.3390/tropicalmed8050248.
- Schneider SA, Desai S, Phokaewvarangkul O, Rosca EC, Sringean J, Anand P, Bravo GÁ, Cardoso F, Cervantes-Arslanian AM, Chovatiya H, Crosiers D, Dijkstra F, Fearon C, Grandas F, Guedj E, Méndez-Guerrero A, Hassan M, Jankovic J, Lang AE, Makhoul K, Muccioli L, O'Shea SA, Ostovan VR, Perez-Sanchez JR, Ramdhani R, Ros-Castelló V, Schulte C, Shah P, Wojtecki L, Pal PK. COVID19-associated new-onset movement disorders: a follow-up study. *J Neurol*. 2023; 21:1–7. doi: 10.1007/s00415-023-11661-x.
- Cornea A, Lata I, Simu M, Rosca EC. Parsonage-Turner Syndrome Following SARS-CoV-2 Infection: A Systematic Review. *Biomedicines*. 2023;11(3):837. doi: 10.3390/biomedicines11030837.
- Jefferson T, Spencer EA, Conly JM, Rosca EC, Maltoni S, Brassey J, Onakpoya IJ, Evans DH, Heneghan CJ, Plüddemann A. Viral cultures, cycle threshold values and viral load estimation for assessing SARS-CoV-2 infectiousness in haematopoietic stem cell and solid organ transplant patients: a systematic review. *J Hosp Infect*. 2023;132:62-72. doi: 10.1016/j.jhin.2022.11.018.
- Cornea A, Lata I, Simu M, Rosca EC. Assessment and Diagnosis of HIV-Associated Dementia. *Viruses*. 2023; 15(2):378. <https://doi.org/10.3390/v15020378>
- Cornea A, Lata I, Simu M, Rosca EC. Wernicke Encephalopathy Presenting with Dysphagia: A Case Report and Systematic Literature Review. *Nutrients*. 2022; 13:14(24):5294. doi: 10.3390/nu14245294.
- Cornea A, Simu M, Rosca EC. Subarachnoid Hemorrhage in Patients with SARS-CoV-2 Infection: Protocol for A Scoping Review. *Brain Sci*. 2022; 30;12(10):1327. doi: 10.3390/brainsci12101327..
- Rosca EC, Heneghan C, Spencer EA, Brassey J, Plüddemann A, Onakpoya IJ, Evans D, Conly JM, Jefferson T. Transmission of SARS-CoV-2 Associated with Cruise Ship Travel: A Systematic Review. *Tropical Medicine and Infectious Disease*. 2022; 7(10):290. <https://doi.org/10.3390/tropicalmed7100290>
- Onakpoya IJ, Heneghan CJ, Spencer EA, Brassey J, Rosca EC, Maltoni S, Plüddemann A, Evans DH, Conly JM, Jefferson T. Viral Cultures for Assessing Fomite Transmission of SARS-CoV-2: a Systematic Review and Meta-Analysis. *J Hosp Infect*. 2022;130:63–94. doi: 10.1016/j.jhin.2022.09.007.
- Cornea A, Simu M, Rosca EC. Montreal Cognitive Assessment for Evaluating Cognitive Impairment in Subarachnoid Hemorrhage: A Systematic Review. *J Clin Med*. 2022;11(16):4679. doi: 10.3390/jcm11164679.

- Rosca EC, Simu M. Montreal Cognitive Assessment for evaluating cognitive impairment in Huntington's disease: A systematic review. *CNS Spectrums* 2022; 27(1), 27-45. doi:10.1017/S1092852920001868.
- Vastag Z, Fira-Mladinescu O, Rosca EC. HIV-Associated Neurocognitive Disorder (HAND): Obstacles to Early Neuropsychological Diagnosis. *Int J Gen Med*. 2022;15:4079-4090. doi: 10.2147/IJGM.S295859.
- Rosca EC, Vastag Z, Phokaewvarangkul O, Sringean J. Movement Disorders Induced by SARS-CoV-2 Infection: Protocol for a Scoping Review. *Journal of Clinical Medicine*. 2022; 11(4):923. <https://doi.org/10.3390/jcm11040923>
- Rosca EC, Heneghan C, Spencer EA, Brassey J, Plüddemann A, Onakpoya IJ, Evans DH, Conly JM, Jefferson T. Transmission of SARS-CoV-2 associated with aircraft travel: a systematic review. *J Travel Med*. 2021; 28(7):taab133. doi: 10.1093/jtm/taab133.
- Jefferson T, Spencer EA, Brassey J, Onakpoya IJ, Rosca EC, Plüddemann A, Evans DH, Conly JM, Heneghan CJ. Transmission of Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2) from pre and asymptomatic infected individuals: a systematic review. *Clin Microbiol Infect*. 2022; 28(2):178-189. doi: 10.1016/j.cmi.2021.10.015.
- Chis AR, Moatar AI, Dijmarescu, C, Rosca C, Vorovenci RJ, Krabbendam I, Dolga A, Bejinar C, Marian C, Sirbu IO, Simu M. Plasma hsa-mir-19b is a potential Levodopa therapy marker. *J Cell Mol Med*. 2021; 25(18): 8715-8724; <https://doi.org/10.1111/jcmm.16827>.
- Rosca EC, Tadger P, Cornea A, Tudor R, Oancea C, Simu M. International HIV Dementia Scale for HIV-Associated Neurocognitive Disorders: A Systematic Review and Meta-Analysis. *Diagnostics*. 2021; 11(6):1124. <https://doi.org/10.3390/diagnostics11061124>
- Rosca EC, Tudor R, Cornea A, Simu M. Central nervous system involvement in Trichinellosis: a systematic review. *Diagnostics* 2021; 11(6), 945; <https://doi.org/10.3390/diagnostics11060945>
- Rosca EC, Tudor R, Cornea A, Simu M. Parkinson's Disease in Romania: A Scoping Review. *Brain Sciences* 2021; 11(6), 709; <https://doi.org/10.3390/brainsci11060709>
- Rosca EC, Tudor R, Cornea A, Simu M. Parkinson's Disease in Romania: A Scoping Review Protocol. *Brain Sci*. 2021; 17;11(2):251. doi: 10.3390/brainsci11020251.
- Rosca EC, Simu M. Montreal cognitive assessment for evaluating cognitive impairment in multiple sclerosis: a systematic review. *Acta Neurol Belg* 2020; 120(6): 1307-1321. <https://doi.org/10.1007/s13760-020-01509-w>
- Rosca EC, Simu M. Parkinson's Disease-Cognitive Rating Scale for Evaluating Cognitive Impairment in Parkinson's Disease: A Systematic Review. *Brain Sciences* 2020; 10(9): 588. DOI: <https://doi.org/10.3390/brainsci10090588>.
- Rosca EC, Cornea A, Simu M. Montreal Cognitive Assessment for evaluating the cognitive impairment in patients with schizophrenia: A systematic review. *Gen Hosp Psychiatry*. 2020;65:64-73. doi:10.1016/j.genhosppsy.2020.05.011.
- Constantin VA, Szasz JA, Orban-Kis K, Rosca EC, Popovici M, Cornea A, Bancu LA, Ciorba M, Mihaly I, Nagy E, ; Szatmari S, Simu M. Levodopa-Carbidopa Intestinal Gel Infusion Therapy Discontinuation: A Ten-Year Retrospective

- Analysis of 204 Treated Patients. *Neuropsychiatric Disease and Treatment* 2020; 16: 1835-1844; doi: 10.2147/NDT.S256988
- Balestrino R, Hurtado-Gonzalez CA, Stocchi F, Radicati FG, Chaudhuri KR, Rodriguez-Blazquez C, Martinez-Martin P; The PDCS European Study Group. Applications of the European Parkinson's Disease Association sponsored Parkinson's Disease Composite Scale (PDCS). *npj Parkinsons Dis* 2019; 5: 26.
- Rosca EC, Albarqouni L, Simu M. Montreal Cognitive Assessment (MoCA) for HIV-Associated Neurocognitive Disorders. *Neuropsychol Rev* 2019; 29(3):313-327.
- Martinez-Martin P, Radicati F, Rodriguez Blazquez C, Wetmore J, Kovacs N, Ray Chaudhuri K, Stocchi F; PDCS European Study Group. Extensive validation study of the Parkinson's Disease Composite Scale. *Eur J Neurol* 2019; 26(10): 1281-1288.
- Raben D, Sullivan AK, Mocroft A, Kutsyna G, Hadžiosmanović V, Vassilenko A, Chkhartsvili N, Mitsura V, Pedersen C, Anderson J, Begovac J, Bak Dragsted U, Bertisch B, [...], on behalf of the HIDES Study Group. Improving the evidence for indicator condition guided HIV testing in Europe: Results from the HIDES II Study – 2012 – 2015. *PLoS One* 2019; 14(8): e0220108.
- Nussbaum LA, Hogeia LM, Folescu R, Grigoras ML, Zamfir CL, Boanca M, Erdelean D, Rosca ECI, Nussbaum L, Simu MA, Lupu V. Biochemical modifications study of cerebral metabolites by spectroscopy in epilepsy treatment. *Rev Chim (Bucharest)* 2018; 69(4): 965-970.
- Facciorusso A, Rosca EC, Ashimi A, Ugoeze KC, Pathak U, Infate V, Muscatiello N. Management of anastomotic biliary stricture after liver transplantation: metal versus plastic stent. *Annals of Gastroenterology* 2018; 31: 1-9.
- Rosca EC, Simu M. Border zone brain lesions due to neurotrichinosis. *Int J Infect Dis*. 2018; 67:43-45.
- Rosca EC, Simu M. Levetiracetam-induced hyponatremia. *Acta Neurologica Belgica* 2018; 118(1): 123-124.
- Nussbaum LA, Hogeia LM, Chiriac DV, Grigoraş ML, Folescu R, Bredicean AC, Rosca ECI, Muncan B, Nussbaum LM, Simu MA, Levai CM. The effect of neurobiological changes in the brain of children with schizophrenia, ultra high-risk for psychosis and epilepsy: clinical correlations with EEG and neuroimaging abnormalities. *Rom J Morphol Embryol* 2017; 58(4): 1435-1446.
- Hogeia LM, Nussbaum LA, Chiriac DV, Ageu LŞ, Andreescu NI, Grigoraş ML, Folescu R, Bredicean AC, Puiu M, Rosca ECI, Simu MA, Levai CM. Integrative clinico-biological, pharmacogenetic, neuroimaging, neuroendocrinological and psychological correlations in depressive and anxiety disorders. *Rom J Morphol Embryol* 2017; 58(3): 767-775.
- Chirileanu RD, Simu M, Rosca C, Tudor R, Jurca P. Transverse myelitis in a Myasthenia Gravis patient. A case presentation. *Romanian Journal of Neurology* 2016; 1: 44-47.
- Cornea A, Rosca C, Petre A, Simu M. The epidemiology of multiple sclerosis in Romania and across central and southeastern Europe – a historical review. *Romanian Journal of Neurology* 2015; 3: 1-8.
- Rosca EC, Rosca O, Simu M. Intravenous immunoglobulin treatment in a HIV-1 positive patient with Guillain – Barré syndrome. *International Immunopharmacology* 2015; 29(2): 964-965.

- Rosca EC, Dijmarescu C, Simu M. A 78-Year-Old Man Unable to Speak or Swallow. Medscape 2015. Web site. <http://reference.medscape.com/viewarticle/843818>. Accessed May 9, 2015.
- Rosca EC, Simu M. Mixed transcortical aphasia – a case report. *Neurological Sciences* 2015; 36(4): 663-664.
- Chicea L, Rosca EC, Rosca O, Ciolan M, Simu M. Myoclonus as an unusual presentation of progressive multifocal leukoencephalopathy in a HIV positive patient. *Romanian Journal of Neurology* 2012; 4: 193-198.
- Rosca EC, Rosca O. Hepatic Encephalopathy or Wernicke – Korsakoff Syndrome? A Case Report. *Gazzetta Medica Italiana – Archivio per le Scienze Mediche* 2012; 171(4): 509-511.
- Rosca EC, Rosca O, Simu M, Chirileanu RD. HIV-associated neurocognitive disorders: a historical review. *The Neurologist* 2012; 18(2): 64-67.
- Rosca O, Rosca EC, Negrutiu L. Progressive Multifocal Leukoencephalopathy – a case report. *Romanian Journal of Infectious Diseases* 2011; 2(XIV): 95-97.
- Rosca EC, Rosca O, Chirileanu RD, Simu M. Neurocognitive disorders due to HIV infection. *HIV & AIDS Review* 2011; 10(2): 33-37.
- Rosca EC, Simu M, Chirileanu RD. Agitation and Hallucinations in an Elderly Man with Parkinson’s Disease. *eMedicine Case Presentations CME*. Web site. <http://reference.medscape.com/viewarticle/736108>. Accessed October 30, 2011.
- Rosca EC, Simu M, Chirileanu RD. Neuroimaging aspects in children with dyscalculia. *Journal of Neurology and Psychiatry of Child and Adolescent in Romania* 2010; 13(3): 61-68.
- Rosca EC, Simu M, Chirileanu RD. The development of arithmetic skills in children. *Journal of Neurology and Psychiatry of Child and Adolescent in Romania* 2010; 13(2): 7-13.
- Rosca EC. Acalculia in a patient with severe language disturbances – how do we test it. *Cognitive Processing* 2010; 11(4): 371-374.
- Rosca EC, Rosca O, Simu M, Chirileanu RD. MRI findings in toxoplasmosis cerebri. *Romanian Journal of Neurology* 2010; IX(2): 103 – 106.
- Rosca EC. Arithmetic procedural knowledge: a cortico – subcortical circuit. *Brain Research* 2009; 1302: 148-156.
- Rosca E.C. A case of acalculia due to impaired procedural knowledge. *Neurological Sciences* 2009; 30(2): 163-170.
- Rosca EC, Simu M, Chirileanu RD, Bednar M, Rosca O. Progressive multifocal leukoencephalopathy. *Romanian Journal of Neurology* 2008; VII(4): 131-137.
- Simu M, Rosca EC, Chirileanu RD, Barsasteanu F. Ischemic stroke in systemic lupus erythematosus – a case report. *Romanian Journal of Neurology* 2008; VII(3): - 121-123.
- Simu M, Puscasiu T, Rosca EC, Herman E, Duse C. Anterior spinal artery infarct. *Romanian Journal of Neurology* 2008; VII(1): 37.
- Chirileanu RD, Simu M, Reisz D, Rosca C, Males S, Tocai R. Mild Cognitive Impairment (MCI) – current relevance of the concept. *Romanian Journal of Neurology* 2008; VII(3): 90-96.
- Chirileanu RD, Simu M, Reisz D, Rosca C, Males S, Tocai R. Neuropathic pain, clinical and management aspects. *Romanian Journal of Neurology* 2008; VII(3): 97-100.

- Simu M, Rosca EC, Reisz D. Thyroid myopathy – a case study. Timisoara Medical Journal 2008; 58 (1-2): 67-69.
- Simu M, Rosca EC, Chirileanu RD. Pathogenic mechanisms of HIV-1 encephalitis. Romanian Journal of Neurology 2007; VI (4): 166-170.
- Simu M, Rosca EC, Puscasiu T. Herpes simplex encephalitis. Romanian Journal of Neurology 2007; VI (4): 189-190.
- Simu M, Rosca EC, Chirileanu RD. Neurosyphilis – a case study. Timisoara Medical Journal 2007; 57(2-3): 157-162.
- Rosca EC. The Gerstmann Syndrome – a review of literature. Timisoara Medical Journal 2007; 57 (2-3): 175-179.
- Zolog A, Rosca EC. The neurologic - biosemiotic and semiotic semiology of the language. Neurologia Medico-Chirurgicala 2007; X(1): 28-30.
- Rosca EC. Acalculia – a synthesis of actual data. Neurologia Medico-Chirurgicala 2007; X (1): 6-13.
- Rosca EC, Rosca O, Negrutiu L. AIDS Dementia Complex. Romanian Journal of Infectious Diseases 2006; IX(1-2): 31-36.
- Manea M, Nedela S, Rosca EC, Lupu C. The retrospection of using the botulinum toxin in muscular spasticity and dystonia on children and adolescents between 2000-2005 (in Romanian). Journal of Neurology and Psychiatry of Child and Adolescent in Romania 2006; 1: 69-75.
- Zolog A, Reisz D, Rosca EC, Common and different pathways in language processing versus arithmetical processing. Cercetari experimentale medico-chirurgicale 2005; suppl. 1: 47-48 (abstract).

Presentations:

- Cornea AM, Militaru M, Rosca ECI, Tudor R, Chirileanu R, Ungur M, Simu M. Prognostic value of R2CHA2DS2VASc in stroke patients with and without atrial fibrillation. The 5th Congress of the European Academy of Neurology (EAN). Oslo, Norway, 2019 (poster). European Journal of Neurology 2019; 26 (Supp 1): 373.
- Gadalean F, Simu M, Cheta A, Cornea A, Rosca C, Parv F, Marc L, Schiller A. The expanded disability status scale as an independent predictor for estimated glomerular filtration rate decline in multiple sclerosis patients. 56th Congress of the European-Renal-Association (ERA)-European-Dialysis-and-Transplant-Association (EDTA) – Burden, Access and Disparities in Kidney Disease. Budapest, Hungary, 2019 (poster). Nephrology Dialysis and Transplantation 2019; 34 (Supp 1): SP337
- Martinez-Ramirez D, Rosca EC, Ramirez-Zamora A. Drug-induced Movement Disorders: Acute dystonia and akathisia. International Parkinson and Movement Disorder Society. Interactive Courses 2018. <https://payment.movementdisorders.org/interactive-courses/drug-induced-movement-disorders-acute-dystonia-and-akathisia.html> (As Accessed 7 July 2018).
- Dijmarescu C, Raduly MM, Rosca EC, Simu MA. Multifocal sensitive myoclonus as a manifestation of Hashimoto encephalopathy. The 14th Congress of the Romanian Society of Neurology, Bucharest, 2016 (poster).

- Tudor R, Jurca PF, Rosca EC, Magheti AN, Chirileanu RD, Lupascu E. Neurotrichinellosis. Case presentation. The 14th Congress of the Romanian Society of Neurology, Bucharest, 2016 (poster).
- Rosca EC, Rosca O, Simu M. Guillain – Barré syndrome in HIV infection – a case report. 1st Congress of the European Academy of Neurology, Berlin, 2015 (poster)
- Dijmarescu C, Rosca EC, Chicea L. Unilateral opercular syndrome. The 13th Congress of the Romanian Society of Neurology, Bucharest, 2015 (poster)
- Simu M, Rosca EC. Restless legs syndrome. The 13th Congress of the Romanian Society of Neurology, Bucharest, 2015 (presentation)
- Filipescu C, Rosca EC, Simu M. A rare case of bilateral basal ganglia lesions due to repeated hypoglycemic episodes. The 11th Congress of the Romanian Society of Neurology, Bucharest, 2013 (poster).
- Ciolan M, Rosca EC, Gaita R, Chicea L, Simu M. Reversible chorea as the presenting symptom of diabetes mellitus. The 11th Congress of the Romanian Society of Neurology, Bucharest, 2013 (poster).
- Cornea A, Rosca C, Tudor R, Pop R, Simu M. Treatment of myasthenia gravis acute exacerbations with intravenous immunoglobulin. The 11th Congress of the Romanian Society of Neurology, Bucharest, 2013 (poster).
- Ciolan M, Rosca EC, Rosca O, Negrutiu L, Simu M. What do they have in common, Treponema Pallidum and the vitamin B12? The Scientific Days of the “Matei Bals” Institute, Bucharest, 2012 (poster).
- Rosca O, Rosca EC, Negrutiu L, Simu M. Movement Disorders – an unusual presentation of progressive multifocal leukoencephalopathy. The Scientific Days of the “Matei Bals” Institute, Bucharest, 2012 (poster).
- Rosca EC, Simu M, Chirileanu RD. Young – onset corticobasal degeneration. . The 15th Congress of the European Federation of Neurological Societies, Budapest, 2011 (poster).
- Negrutiu L, Rosca O, Szilagyi M, Rosca C. Observations regarding human rabies encephalitis. The National Symposium “The management of critical patients with infectious diseases”, Tirgu Mures, Romania, 2010 (presentation).
- Rosca EC, Simu M, Chirileanu RD. Visual form agnosia: a case report. The 14th Congress of the European Federation of Neurological Societies, Geneva, 2010 (poster).
- Chirileanu RD, Zolog A, Simu M, Rosca C, Branzan L, Chirileanu O, Aldea R. Lacunar infarcts in patients with metabolic syndrome. The 14th Congress of the European Federation of Neurological Societies, Geneva, 2010 (poster).
- Rosca O, Negrutiu L, Szilagyi M, Rosca EC. Toxoplasmosis cerebri – a case study. Symposium of Actualities in Infectious Diseases, Timisoara 2010 (poster).
- Chirileanu RD, Simu M, Reisz D, Popa R, Rosca C, Aldea R, Males S, Gheoca R. Executive dysfunction after lacunar infarcts. The 3rd World Congress on Controversies in Neurology, Prague, 2009 (poster).
- Rosca EC, Simu M, Chirileanu RD. How many words do we need to calculate? A case study of severe aphasia with widely preserved arithmetic abilities. The 13th Congress of the European Federation of Neurological Societies, Florence, 2009 (poster).

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- Rosca EC, Simu M. Thalamic Gerstmann syndrome or diaschisis? The 18th Meeting of European Neurological Society, Nice 2008 (poster).
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- Rosca EC, Rosca O, Negrutiu L, Simu M, Marincu I. Dementia and neurocognitive disorders due to HIV infection. National Conference of Infectious Diseases, Timișoara, 2007 (presentation).
- Rosca EC. Acalculia following a subcortical lesion. NUMBRA (FP6 Marie Curie Research Training Network) – Summer School on Numeracy and Brain Development, Santorini, 2007 (poster).
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- Dupouy-Camet J, Raffetin A, Rosca EC, Yera H. Clinical picture and diagnosis of human trichinellosis. In: Bruschi F (ed.). *Trichinella* and Trichinellosis. Academic Press 2021; 333-354. eBook ISBN: 9780128212677. Paperback ISBN: 9780128212097
- Rosca EC. The arithmetic – a neuropsychological perspective. Artpress, Timisoara 2009 (in Romanian); ISBN: 978-973-108-233-2.

Ad-hoc referee, work for scientific journals / conferences:

- La Caixa" Foundation (2024)

- COST (2013, 2016, 2017, 2018, 2019)
- CogSci 2010 - The annual meeting of the Cognitive Science Society for basic and applied cognitive science research (2009, 2010)
- EAP CogSci 2015 - EuroAsianPacific Joint Conference on Cognitive Science. 4th European Conference on Cognitive Science. 10th International Conference on Cognitive Science
- Neurocase
- Brain and Cognition
- Viruses
- Emerging Infectious Diseases
- Tropical Medicine and Infectious Disease
- Journal of Clinical Medicine
- International Journal of Environmental Research and Public Health
- Brain Sciences
- Canadian Journal of Infectious Diseases and Medical Microbiology
- Clinical Microbiology and Infection
- Epidemiology and Infection
- Cerebral Cortex
- Journal of Neurology, Neurosurgery & Psychiatry
- PlosOne
- Aging
- British Medical Journal Case Reports
- Journal of the International Neuropsychological Society
- Neurobehavioral HIV Medicine
- Journal of AIDS and HIV research
- International Medical Case Reports Journal
- Neurology International
- Journal of Neurology & Neurophysiology
- British Journal of Medicine and Medical Research
- Timisoara Medical Journal

Editorial board:

- Medicine (Academic Editor)
- Biomedicines (Academic Editor)
- Romanian Journal of Neurology (Assistant Editor)
- Journal of AIDS and HIV Research (JAHR)
- International Neuropsychiatric Disease Journal

Languages:

- English – advanced
- Spanish – advanced
- French – advanced
- Italian – medium
- Ukrainian – medium