

PERSONAL INFORMATION



Mihaela Adriana Simu

WORK EXPERIENCE

2006 - Present

Sef Clinica Neurologie II,

- Spitalul Clinic Judetean de Urgenta „Pius Brinzeu” Timisoara , Bulevardul Liviu Rebreanu, Nr. 156, Cod 300723, Timișoara, <http://www.hosptm.ro>

2007 – Present

Professor

- Disciplina de Neurologie, Universitatea de Medicina si Farmacie “V. Babes”, Timisoara, Romania
- P-ta. Eftimie Murgu nr 1 – 2, cod postal

2002 – 2007

Associate Professor, Neurology Department

- Disciplina de Neurologie, Universitatea de Medicina si Farmacie “V. Babes”, Timisoara, Romania

1998 - 2002

Assistant Professor, Specialist Neurologist

- Disciplina de Neurologie, Universitatea de Medicina si Farmacie “V. Babes”, Timisoara, Romania

1996 – Present

Senior Neurology Specialist

- Spitalul Clinic Judetean de Urgenta „Pius Brinzeu” Timisoara

1992 -1998

Assistant Professor

- Disciplina de Neurologie, Universitatea de Medicina si Farmacie “V. Babes”, Timisoara, Romania

1992 – 1996

Neurology specialist

- Spitalul Clinic Judetean de Urgenta „Pius Brinzeu” Timisoara

1989 – 1992

Neurology rezident

- Spitalul Clinic Judetean de Urgenta „Pius Brinzeu” Timisoara
- Clinica de Neurologie – Spitalul Clinic Colentina Bucuresti

1980– 1983

Internship: Internal medicine, surgery, neurosurgery, neurology, intensive care, pediatry

- Universitatea de Medicina si Farmacie „Victor Babes” Timisoara, Romania

EDUCAȚIE ȘI FORMARE

2010

Equivalent of Habilitation Thesis, ordinul nr 4631/04/08/2010

- Universitatea de Medicina si Farmacie „Victor Babes” Timisoara, Romania

2004

EEG competence

- (nr. 13958/02.06. 2004) Seria C Nr.012228

EMG competence

- (nr 13959/02.06.2004) Seria C Nr. 012229

2001

Doctor of medical sciences, specialty neurology

- “Tulburări agnosopraxice parietale de emisfer nedominant în accidentele vasculare cerebrale”, conducător științific Prof .Dr. Alexandru Zolog,(în 6.07.2001 cu confirmare ca Doctor în Medicină în baza Ordinului Ministrului Educației naționale 4911/2.11.2001

1997

Neurology bursary in neurophysiology,

- Universitatea Rechts der Isaar, TUM Muenchen (Prof. B. Konrad)

1996 - 2001

Studii doctorale

- 1995
- Universitatea de Medicina si Farmacie „Victor Babes” Timisoara, Romania
 - DUROMEF (bursary in neurophysiology)
 - Universitatea Raudboud Nijmegen – Olanda (prof. Dr.S.L.H. Notermans)

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

• UNDERSTANDING		• SPEAKING		• WRITING
• Listening	• Reading	• Spoken interaction	• Spoken production	•
• C2	• C2	• C2	• C2	• C2
• C1	• C1	• C1	• C1	• C1
• C1	• C1	• C1	• C1	• C1

• Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 • Common European Framework of Reference for Languages

Digital skills Microsoft Office (Word, Power Point, Excel, Outlook, OneNote)

Driving licence

Awards

- 2020 2020 UEFISCDI Prize, Ministry of National Education - Rewarding research results – articles PRECISI 2020 - PN-III-DCD-RU-PRECISI-2020-5 (2 articole)
- 2019 2019 UEFISCDI Prize, Ministry of National Education - Rewarding research results - articles PRECISI-2019 – PN-III-DCD-RU-PRECISI-2019-4 (2 articole)
- 2016 2016 UEFISCDI Prize, Ministry of National Education - Rewarding research results - articles PRECISI-2016 – PN-III-P1-1.1 (1 articol)

Memberships in professional organisations

Vice-president of Timis Medical College (2016 –)
 Head or Neuroscience Departament of „Victor Babes” University of Medicine and Pharmacy Timisoara (2015)
 EAN (European Academy of Neurology)- representative of Romania for Inflammatory Neuropathies (2015-)
 representative of Romania at ECTRIMS (2013 – 2017)
 Member of Comitetul Director al Societatii Nationale de Neurologie din Romania (2013 –)
 Member of Senatul Universitatii de Medicina si Farmacie „Victor Babes” Timisoara (2012 –)
 Membru in Comisia de Specialitate pentru programul de Scleroza Multipla pe langa CNAS (2006 –)
 Membru MDS (Movement Disorders Society)
 Membru in Asociatia medicală româno-olandeză Duromef

Membru in comitete de redactie al unor reviste Romanian Journal of Neurology

CERCETARE STIINTIFICA

Monografii

- | | |
|---------|---|
| 2013 | <ul style="list-style-type: none"> „Accidentul vascular cerebral-Problema majora de sanatate publica” 211-220 pg. din cartea „Punct si contrapunct in tensiunea arteriala-program educational al Societatii Romane de Hipertensiune 2012-2013 Maria Dorobantu (coordonator) ISBN 978-973-708-699- 0, Editura Universitara „Carol Davila”, 2013 Amalia Cornea, Mihaela Simu, (coautori) „Hipertensiunea arteriala si AVC hemoragic acut” cap.6, caz clinic1 177-187pg din cartea „Punct si contrapunct in tensiunea arteriala-program educational al Societatii Romane de Hipertensiune 2012-2013” Maria Dorobantu (coordonator), ISBN 978-973-708-699-0, Editura Universitara „Carol Davila”, 2013 Marius Militaru, Ruxandra Joikitz, Mihaela Simu, Anda Militaru, Daniel Lighezan(coautori) „Hipertensiunea arteriala si AVC ischemic acut” cap.5, caz clinic1 177 – 187 pg din cartea „Punct si contrapunct in tensiunea arteriala-program educational al Societatii Romane de Hipertensiune 2012-2013” Maria Dorobantu (coordonator), ISBN 978-973-708-699-0, Editura Universitara „Carol Davila”, 2013. |
| 2010 | <ul style="list-style-type: none"> Ovidiu Bajenaru (coordonator), Szasz J. Attila, Mihaela Simu, Cristina Panea, Cristian D. Popescu, Perju Dumbrava- Lacramioara, Amalia Ene, Aurora Constantinescu, (coautori), „Actualitati in Diagnosticul si Tratamentul Bolii Parkinson”, ISBN 978-606-92489-I-I, Editura Media Med Publicis, 2010 |
| 2007 | <ul style="list-style-type: none"> Ruxandra Dana Chirileanu, Mihaela Simu, (autori) „Despre demențe și formele ei” 240 pg., 2007, ISBN 978-973-620-327-5 Editura Eurobit Mihaela Simu, „Sindroame Parietale”, 115 pg., 2007, ISBN.: 978-973-52-0267-5, Editura Mirton, Colecția Medica |
| Cursuri | <ul style="list-style-type: none"> 2007 Mihaela Simu „Curs de neurologie”, 305 pg., 2007, ISBN.: 978-973-52-0274-3, Editura Mirton, Colecția Medica. Mihaela Simu „Neurology Course”,295 pg., 2007, ISBN.: 978-973-52-0275-0, Editura Mirton, Colecția Medica. 2000 Mihaela Simu „Curs de neurologie” - (sub redactia A. Zolog) LITO UMFT, 2000 |

Publicatii

2021

Articole in reviste cu factor de impact

2020

Articole in reviste cu factor de impact

- Szasz JA, Jianu DC, Simu MA, Constantin, VA Dulamea AO, Onuk K, Popescu D, Vasile MT, Popescu BO, Fasano A, Bajenaru OA,"Characterizing Advanced Parkinson's Disease: Romanian Subanalysis from the OBSERVE-PD Study", Parkinson's Disease, vol. 2021, Article ID 6635618, 12 pages,2021. <https://doi.org/10.1155/2021/6635618>
- Rosca EC, Simu M. Montreal Cognitive Assessment for evaluating cognitive impairment in Huntington's disease: A systematic review. CNS Spectrums 2020, 1-55. doi:10.1017/S1092852920001868
- 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>
- Tudor R, Iovanescu G, Reisz D, Cornea A, Potre-Oncu C, Tutelca A, Simu M. Additional factors to correlate with a more than 30% NIHSS score improvement in patients 7 days after fibrinolytic and/or endovascular treatment for ischemic stroke. BMC Neurol. 2020 Nov 14;20(1):417. doi: 10.1186/s12883-020-01990-z. PMID: 33189130; PMCID: PMC7666450.
- Enătescu VR, Kalinovic R, Dehelean CA, Giurgi-Oncu C , Hoge LM, Ifteni P, Vlad G, Neda-Stepan O, Simu M, Bedreag HO, Marinescu I, Hutanu D, Enătescu I*, Nussbaum The Efficacy of Clonidine in the Pharmacological Management of Alcohol Withdrawal Syndrome: Preliminary Results, Farmacia, Volume: 68, Issue: 6, Pages:1069-1074, DOI: 10.31925/farmacia.2020.6.14, WOS:000600718700015

- Aldred J, Anca-Herschkovitsch M, Antonini A, Bajenaru O, Bergmann L, Bourgeois P, Cubo E, Davis TL, Iansek R, Kovács N, Kukreja P, Onuk K, Pontieri FE, Robieson W, Siddiqui MS, Simu M, Standaert DG, Chaudhuri KR. Application of the '5-2-1' screening criteria in advanced Parkinson's disease: interim analysis of DUOGLOBE. *Neurodegener Dis Manag*. 2020 Oct;10(5):309-323. doi: 10.2217/nmt-2020-0021. Epub 2020 Sep 2. PMID: 32873195.
- Maier S, Simu M, Hutanu A, Barcutean L, Voidazan S, Bajko Z, Motataianu A, Lata I, Balasa R. Clinical Immunological Correlations in Patients with Multiple Sclerosis Treated with Natalizumab. *Brain Sci*. 2020 Oct 30;10(11):802. doi: 10.3390/brainsci10110802. PMID: 33143271; PMCID: PMC7692182.
- Rosca EC, Simu M Parkinson's Disease-Cognitive Rating Scale for Evaluating Cognitive Impairment in Parkinson's Disease: A Systematic Review. *Brain Sci*. 2020 Aug 25;10(9):E588. doi: 10.3390/brainsci10090588. PMID: 32854426.
- Constantin VA, Szász JA, Orbán-Kis K, Rosca EC, Popovici M, Cornea A, Bancu LA, Ciorba M, Mihály I, Nagy E, Szatmári S, Simu M. Levodopa-Carbidopa Intestinal Gel Infusion Therapy Discontinuation: A Ten-Year Retrospective Analysis of 204 Treated Patients. *Neuropsychiatr Dis Treat*. 2020;16:1835-1844
<https://doi.org/10.2147/NDT.S256988>; WOS:000552912200001
- Rosca EC, Cornea A, Simu M, Montreal Cognitive Assessment for evaluating the cognitive impairment in patients with schizophrenia: A systematic review [published online ahead of print, 2020 May 29]. *Gen Hosp Psychiatry*. 2020;65:64-73. doi:10.1016/j.genhosppsych.2020.05.011; WOS:000547420400010
- Enatescu, VR, Dehelean, CA; Nussbaum, LA; Hoge, L Homorogan, C; Enatescu, I; Papava, Marinescu, I; Ifteni, P; Simu, M Catalin, M; Giurgi-Onu, C; Sirbu, IO: Study On Tolerability And Efficacy Of Paliperidone Palmitate, Olanzapine Pamoate And Risperidone Long Acting Injection In A Romanian Sample Of Patients With Schizophrenia *FARMACIA*, Volume: 68, Issue: 2, 242-249, DOI: 10.31925/farmacia.2020.2; WOS:000527105400008;
- Enatescu, VR; Kalinovic, R; Vlad, G; Nussbaum, LA; Hoge, L; Enatescu, I; Marinescu, I; Ifteni, P; Simu, M; Marian, C; Giurgi-Onu, C; Papava, I: The Presence Of Peripheral Inflammatory Markers In Patients With Major Depressive Disorder, The Associated Symptoms Profiles And The Antidepressant Efficacy Of Celecoxib; *FARMACIA*; Volume: 68; Issue: 3 - 483-491, DOI: 10.31925/farmacia.2020.3.14, WOS:000543326400014, ISSN: 0014-8237, eISSN: 2065-0019
- Enatescu, I; Craina, M; Gluhovschi, A; Giurgi-Onu, C; Hoge, L; Nussbaum, LA; Bernad, E; Simu, M; Cosman, D; Iacob, D; Marinescu, I; Enatescu, VR; The role of personality dimensions and trait anxiety in increasing the likelihood of suicide ideation in women during the perinatal period; *JOURNAL OF PSYCHOSOMATIC OBSTETRICS & GYNECOLOGY*, DOI: 10.1080/0167482X.2020.1734790 WOS:000518265900001, PubMed ID: 32116087, ISSN: 0167-482X, eISSN:1743-8942
- Enatescu, I; Kalinovic, R; Giurgi-Onu, C; Poroch, V; Stratulat, IS; Vlad, G; Neda-Stepan, O; Simu, M; Papava, I; Oancea, R; Patrascu, R; Enatescu, VR Study on the Role of Inflammatory Markers and Type D Personality on Symptom Profiles and Severity in Patients with Major Depressive Disorder; *Appl. Sci*. 2020, 10, 5615. Doi: 10.3390/app10165615
- Pop R, Harsan O, Martin I, Mihoc D, Richter JS, Manisor M, Simu M, Chibbaro S, Cebula H, Proust F, Beaujeux R. Balloon-assisted coiling of intracranial aneurysms using the Eclipse 2L double lumen balloon. *Interv Neuroradiol*. 2020 Jun;26(3):291-299. doi: 10.1177/1591019919895676. Epub 2020 Jan 13. PMID: 31930938; PMCID: PMC7254628 WOS:000506992000001; ISSN: 1591-0199; eISSN: 2385-2011
- Pop R, Severac F, Happi Ngankou E, Harsan O, Martin I, Mihoc D, Manisor M, Simu M, Chibbaro S, Wolff V, Gheoca R, Meyer A, Pottecher J, Audibert G, Derelle AL, Tonnelet R, Liao L, Zhu F, Bracard S, Anxionnat R, Richard S, Beaujeux R, Gory B. Local anesthesia versus general anesthesia during endovascular therapy for acute stroke: a propensity score analysis. *J Neurointerv Surg*. 2020 Jun 2;neurintsurg-2020-015916. doi: 10.1136/neurintsurg-2020-015916. Epub ahead of print. PMID: 32487768, Print ISSN 1759-8478; Online ISSN 1759-8486
- Militaru M, Iurciuc M, Iurciuc S, Lighezan D, Turi V, Balasa CV, Militaru A, Caraba A, Avram AC, Simu M (2020); Cognitive Decline and Subclinical Atherosclerosis in Patients with Atrial Fibrillation and Vascular Risk Factors, *Revista de Chimie*, 71(2), pp. 128-139. <https://doi.org/10.37358/RC.20.2.7905> ISSN Print 0034-7752 ISSN Online 2668-8212

2019

Articole in reviste cu factor de impact

-
- Martinez-Martin P, Radicati FG, 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 Oct;26(10):1281-1288. doi: 10.1111/ene.13976. Epub 2019 May 31. PMID: 31021043. WOS:000486090600007; Online ISSN:1468-133
- Bales trino R, Hurtado-Gonzalez CA, Stocchi F, Radicati FG, Chaudhuri KR, Rodriguez-Blazquez C, Martinez-Martin P; PDCS European Study Group. Applications of the European Parkinson's Disease Association sponsored Parkinson's Disease Composite Scale (PDCS). *NPJ Parkinsons Dis*. 2019 Nov 27;5:26. doi: 10.1038/s41531-019-0097-1. PMID: 31798050; PMCID: PMC6881347, WOS:000501157400001 eISSN: 2373-8057
- Rosca EC, Albarqouni L, Simu M. Montreal Cognitive Assessment (MoCA) for HIV-Associated Neurocognitive Disorders. *Neuropsychol Rev*. 2019 Sep;29(3):313-327. doi: 10.1007/s11065-019-09412-9. Epub 2019 Aug 22. PMID: 31440882. WOS:000487922500004; ISSN: 1040-7308; eISSN: 1573-6660
- Pop R, Aloraini Z, Mihoc D, Burta H, Manisor M, Richter JS, Simu M, Chibbaro S, Proust F, Wolff V, Beaujeux R. Embolization of very small (≤ 3 mm) unruptured intracranial aneurysms: A large single-center experience on treatment of unruptured versus ruptured cases. *World Neurosurg*. 2019 Aug;128:e1087-e1095. doi: 10.1016/j.wneu.2019.05.070. Epub 2019 May 17. PMID: 31103760. WOS:000475895100124; PubMed ID: 31103760; ISSN: 1878-8750; eISSN: 1878-8769
- Romosan AM, Dehelean L, Romosan RS, Andor M, Bredicean AC, Simu MA. Affective theory of mind in Parkinson's disease: the effect of cognitive performance. *Neuropsychiatr Dis Treat*. 2019 Aug 30;15:2521-2535. doi: 10.2147/NDT.S219288. PMID: 31564879; PMCID: PMC6722434, WOS:000483076300001; eISSN: 1178-2021
- Timircan, M.O., Hogeia, L.M., Cirlogeia, A., Cojocarui, I., Zorzoana, I., Nussbaum, L.A.,... Gomoi, E. (2019). Ursodeoxicholic Acid in the Treatment of Intrahepatic Cholestasis of Pregnancy. *Revista de Chimie*, 70(1), 220-223. <https://doi.org/10.37358/RC.19.1.6886> WOS:000460428100048; ISSN: 0034-7752
- Gindac CM, Bedreag OH, Nussbaum LA, Serbu IBM, Folescu R, Grigoras M, Hogeia LM, Simu MA, Lupu V, Boanca M, Sandesc D. Mathematical Model for Reducing the Concentration of a Chemical Substance Applicable in the Procedures of Plasmatic Treatment. *Rev. Chim* 2019 Apr;70(4):1298-1301. Available from: <https://doi.org/10.37358/RC.19.4.7113>
- Pop R, Zinchenko I, Quenardelle V, Mihoc D, Manisor M, Richter JS, Severac F, Simu M, Chibbaro S, Rouyer O, Wolff V, Beaujeux R. Predictors and Clinical Impact of Delayed Stent Thrombosis after Thrombectomy for Acute Stroke with Tandem Lesions. *AJNR Am J Neuroradiol*. 2019 Mar;40(3):533-539. doi: 10.3174/ajnr.A5976. Epub 2019 Feb 14. PMID: 30765378; PMCID: PMC7028646; WOS:000461201600029 ISSN: 0195-6108 eISSN: 1936-959X
- Standaert GD, Aldred J, Herschkovitch MA, Thomas L, Davis, Iansek R, Kovács N, Siddiqui MS, Pontieri FE, Simu M, Bergmann L, Kukreja P, Li M, Chaudhuri RK. „Levodopa-Carbidopa Intestinal Gel for the Treatment of Motor Fluctuations and Dyskinesia in Patients with Advanced Parkinson's Disease in a 'Real World' Setting: Results of an Interim Analysis of the Multinational Observational Long-term Study DUOGLOBE” (S4.004) *Neurology* Apr 2019, 92 (15 Supplement) S4.004;
- Cornea A, Tudor R, Petre A, Schuldesz A, Simu M, Incidence Of Word Retrieval Difficulties In Ms Diagnosed Patients, The 17th Congress of the Romanian Society of Neurology RJN, Volume XVIII, Suppl., 2019
- Ungur MO, Fratila AD, Militaru M, Tudor R, Cornea A, Simu M Predicting factors of i.v. rTPA in patients with acute ischemic stroke, The 17th Congress of the Romanian Society of Neurology RJN, Volume XVIII, Suppl., 2019

Articole publicate in
rezumat

2018

Articole in reviste cu
factor de impact

- Balasa RI, Simu M, Voidazan S, Barcutan LI, Bajko Z, Hutanu A, Simu I, Maier S. Natalizumab Changes the Peripheral Profile of the Th17 Panel in MS Patients: New Mechanisms of Action. *CNS Neurol Disord Drug Targets*. 2017;16(9):1018-1026. doi: 10.2174/1871527316666170807130632. WOS:000422886900007 PMID: 28782487 ISSN: 1996-3181 (Online) ISSN: 1871-5273 (Print), IF 2,04

- Articole publicate in
rezumat
- 2017
- Articole in reviste cu
factor de impact
- 2016
- Articole in reviste cu
factor de impact
- Articole in reviste
indexate BDI
- Pop R, Mihoc D, Manisor M, Richter JS, Lindner V, Janssen-Langenstein R, Simu M, Wolff V, Beaujeux R. Mechanical thrombectomy for repeated cerebral tumor embolism from a thoracic sarcomatoid carcinoma. *J Neurointerv Surg.* 2018 Oct;10(10):e26. doi: 10.1136/neurintsurg-2017-013092.rep. Epub 2018 May 24. PMID: 29794158. WOS:000446086300002 ISSN: 1759-8478 eISSN: 1759-8486
 - Hogeia LM, Tuta Sas I, Poroch V, Nussbaum LA, SAS I, Serban D, Erdelean D, Folescu R, Zamfir CL, Bredicean CA, Simu MA; Comparative study using progesterone and Gynipral - Hexoprenaline Sulphate, with effects in postpone preterm birth, *Chimia*, 2018, vol. 69(4):934-937, ISSN 2537-5733, IF 1.232
 - Nussbaum LA, Hogeia LM, Folescu R, Grigoras ML, Zamfir CL, Boanca M, Erdelean D, Rosca ECI, Nussbaum LM, Simu MA, Lupu V; Biochemical modifications study of cerebral metabolites by spectroscopy in epilepsy treatment, *Chimia*, 2018, vol. 69(4):965-970, ISSN 2537-5733, IF 1.232
 - Rosca EC, Simu M., Border zone brain lesions due to neurotrichinosis. *Int J Infect Dis.* 2018 Feb;67:43-45. doi: 10.1016/j.ijid.2017.12.011. Epub 2017 Dec 15
 - Militaru M, Lighezan D, Simu M, Militaru M, The relationship between hypertension, atrial fibrillation and cognitive decline, *European Journal of Neurology* vol 26 S1 2018
 - A.M. Cornea¹, M. Militaru², E.C.I. Rosca¹, R. Tudor¹, R. Chirileanu¹, M. Ungur², M. Simu¹, Prognostic value of R2CHA2DS2VASc in stroke patients with and without atrial fibrillation; *European Journal of Neurology* vol 26 S1 2018
 - Rosca EC, Simu M. Levetiracetam-induced hyponatremia. *Acta Neurol Belg.* 2018 Mar;118(1):123-124. doi: 10.1007/s13760-017-0825-4. Epub 2017 Jul 28. PMID: 28755154. WOS:000427844400021, ISSN: 0300-9009; eISSN: 2240-2993
 - Antonini A, Poewe W, Chaudhuri KR, et al. Levodopa-carbidopa intestinal gel in advanced Parkinson's: Final results of the GLORIA registry. *Parkinsonism & Related Disorders.* 2017 Dec;45:13-20. DOI: 10.1016/j.parkreldis.2017.09.018.
 - Gadalean F, Simu M, Parv F, Vorovenci R, Tudor R, Schiller A, Timar R, Petrica L, Velciov S, Gluhovschi C, Bob F, Mihaescu A, Timar B, Spasovski G, Ivan V. The impact of acute kidney injury on in-hospital mortality in acute ischemic stroke patients undergoing intravenous thrombolysis. *PLoS One.* 2017 Oct 17;12(10):e0185589. doi: 10.1371/journal.pone.0185589. PMID: 29040276; PMCID: PMC5645137. WOS:000413167500007, ISSN: 1932-6203
 - Nussbaum LA, Hogeia LM, Chiriac DV, Grigoras ML, Folescu R, Bredicean AC, Roșca 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. PMID: 29556638 WOS:000428660300037 ISSN: 1220-0522, IF: 0.67
 - Hogeia LM, Nussbaum LA, Chiriac DV, Ageu LȘ, Andreescu NI, Grigoras ML, Folescu R, Bredicean AC, Puiu M, Roșca 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. PMID: 29250653. WOS:000419089600008 ISSN: 1220-0522, IF: 0.67
 - Băjenaru O, Ene A, Popescu BO, Szász JA, Sabău M, Mureșan DF, Perju-Dumbrava L, Popescu CD, Constantinescu A, Buraga I, Simu M. The effect of levodopa-carbidopa intestinal gel infusion long-term therapy on motor complications in advanced Parkinson's disease: a multicenter Romanian experience. *J Neural Transm (Vienna).* 2016 Apr;123(4):407-14. doi: 10.1007/s00702-015-1496-z. Epub 2015 Dec 23. PMID: 26699635; PMCID: PMC4805768. WOS:000373162500006 ISSN: 0300-9564 eISSN: 1435-1463
 - Pop R, Manisor M, Wolff V, Freys G, Simu M, Marescaux C, Beaujeux R. Real-Time Estimation of Core Infarct in Angiography Using Collateral Flow. *Cerebrovasc Dis.* 2016;41(3-4):177-86. doi: 10.1159/000442953. Epub 2016 Jan 12. PMID: 2675194. (IF 3.359 ThReuters)
 - Popescu S, Timar B, Baderca F, Simu M, Diaconu L, Velea I, Timar R. Age as an independent factor for the development of neuropathy in diabetic patients. *Clin Interv Aging.* 2016 Mar 15;11:313-8. doi: 10.2147/CIA.S97295. PMID: 27042031; PMCID: PMC4801151.(IF 2016: 2.13 ThReuters/ClarivateAnalytics)
 - Cornea A, Dijmarescu C, Tudor r, Petre A, Simu, M. The prevalence and clinical profile of multiple sclerosis in Timis county Romania, *Romanian Journal of Neurology*, vol. XV, nr.3, 2016,113-119, ISSN1843-814 /e-ISSN 2069-6094

Articole publicate in
rezumat

2015
Articole in reviste cu
factor de impact

Articole publicate in
rezumat

- Cornea A, Tudor R, Petre A, Simu M MS Treatment Optimization: Factors Associated with Poor Clinical Response in Nabs Positive Patients., Romanian Journal of Neurology, vol. XV, nr.3, 2016, 119-126, ISSN 1843-8148 /e-ISSN 2069-6094
- Chirileanu RD, Simu M, Rosca C, Tudor R, Jurca P, Transverse Myelitis in a Myasthenia Gravis Patient, Romanian Journal of Neurology, 2016, vol. XV, 1:44 -47, ISSN 1843-8148
- Militaru M, Militaru AG, Lighezan D, Iurciuc S, Simu M, Correlation of risk factors and hemodynamic changes using Transcranial- Doppler and Echocardiography in Patients with High Grade Symptomatic Internal Carotid Stenosis, European Journal of Neurology, 2016, vol. 23, suppl. 1, ISSN 1351-5101 (201405) 21:5+1
- 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 (abstract)
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| 2014 | <ul style="list-style-type: none"> • Simu M. The Concept Of Integrated Multidisciplinary Approach In Parkinson's Disease Management. The 9th International Summer School of Neurology 6 – 10 Jul 2014, Eforie Nord, Romania, www.ssnr.ro |

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| 2013 | <ul style="list-style-type: none"> • Simu M. Patients' Management in MS Treatment. The 9th International Summer School of Neurology 6 – 10 Jul 2014, Eforie Nord, Romania, www.ssn.ro • Simu M. Tailoring MS treatment based on individual patient needs. The 9th International Summer School of Neurology 30 jun – 4 Jul 2013, Eforie Nord, Romania, www.ssn.ro |
| 2012 | <ul style="list-style-type: none"> • Simu M. Tailoring Multiple Sclerosis treatment based on individual patient needs. Abstracts of the 8th International Summer School of Neurology Eforie Nord, July 2013 |
| 2011 | <ul style="list-style-type: none"> • Simu M. Treating Walking Impairments in MS. The 8th International Summer School of Neurology 1 – 4 Jul 2012, Eforie Nord, Romania, www.ssn.ro |
| 2008 | <ul style="list-style-type: none"> • Simu M, "Defining the urgency to treat. Long-term benefits of early treatment" The 7th International Summer School of Neurology 3 – 7 Jul 2011, Eforie Nord, Romania, www.ssn.ro • Simu M. The importance of dual cholinesterase inhibition in Alzheimer's disease. The 40th International Danube Symposium in conjunction with the sixth Congress of the Romanian Society of Neurology. 21-24 May 2008 Sinaia. • Simu M. Pathogenic mechanisms in Alzheimer's disease. The 40th International Danube Symposium in conjunction with the sixth Congress of the Romanian Society of Neurology. May 21-24 2008 Sinaia. • Simu M. Evidence-based data about disease-modifying therapies in multiple sclerosis. The 40th International Danube Symposium in conjunction with the sixth Congress of the Romanian Society of Neurology. May 21-24 2008 Sinaia |
| 2006 | <ul style="list-style-type: none"> • Simu M. Sindromul clinic izolat. Conferinta Nationala de Scleroza Multipla, 14-16 iunie 2006, Iasi. • Simu M. Tratamentul cu mitoxantrona in terapia sclerozei multiple experienta clinicii neurologice din Timisoara. Prima Conferinta Nationala de Scleroza Multipla Iasi, iunie 2005 |

Studii clinice

- **Principal Investigator** A Phase 2/3, Multi-Center, Randomized, Double-Blind, Placebo-Controlled (Part A) And Double-Blind, Double-Dummy, Active-Controlled (Part B), Parallel Group Study To Evaluate The Efficacy And Safety Of Rpc1063 Administered Orally To Relapsing Multiple Sclerosis Patients.
- **Principal Investigator** Studiu multicentric, randomizat, dublu-orb, cu grupuri paralele, de extensie a studiului AC-058B201 pentru evaluarea sigurantei, tolerabilității și eficacității, pe termen lung a 10, 20 și 40 mg/zi de ponesimod (ACT-128800), un agonist oral al receptorilor S1P1, la pacienți cu scleroză multiplă recurent-remisivă.
- **Principal Investigator** A Phase III, multicentre, randomized, parallel-group, double-blinded, placebo-controlled study to evaluate the efficacy and safety of ocrelizumab in adults with Primary Progressive Multiple Sclerosis1.
- **Principal Investigator** in Studiul RPC01-201-Part A - „A Phase 2/3, multicenter, randomized, double-blind, placebo-controlled (part A) and double-blind, double-dummy, active-controlled (part B), parallel group study to evaluate the efficacy and safety of RPC1063 administered orally to relapsing multiple sclerosis patients”, 2013 ongoing.
- **Principal Investigator** in Studiul SYN115-CL02 - „A double-blind, randomized, placebo-controlled study of the safety and efficacy of SYN 115 as adjunctive therapy in levodopa-treated Parkinson’s subjects with end of dose wearing off ” 2012.
- **Principal Investigator** in Studiul CBAF312A2304 - „A multicenter, randomized, double-blind, parallel-group, placebo-controlled variable treatment duration study evaluating the efficacy and safety of Siponimod(BAF312) in patients with secondary progressive multiple sclerosis” 2012.
- **Principal Investigator** in the CL-38093-011 Study- „Efficacy and safety of 3 doses of S38093(2,5 and 20mg/day) versus placebo in patients with mild to moderate Alzheimer’s disease”, 2011.
- **Principal Investigator** in EFC6260 Study – „TOPIC” „An international, multi-center, randomized, double-blind, placebo-controlled, parallel group study to evaluate the efficacy and safety of two year treatment with teriflunomide 7mg once daily and 14mg once daily versus placebo in patients with a first clinical episode suggestive of multiple sclerosis plus a long-term extension period ” 2011.
- **Principal Investigator** in Studiul 205MS301– „Multicenter, Double-blind, Randomized, Parallel-group, Monotherapy, Active-control Study to Determine the Efficacy and Safety of Daclizumab High Yield Process (DAC HYP) versus Avonex (Interferon β -1a) in Patients with Relapsing-Remitting Multiple Sclerosis”, phase 3, 2011.
- **Principal Investigator** in WA25046 / B Study – „A Phase III, multicenter, randomised, parallel-group, double-blinded, placebo-controlled study to evaluate the efficacy and safety of ocrelizumab in adults with Primary Progressive Multiple Sclerosis” 2011.
- **Principal Investigator** in „A Placebo-Controlled Study To Evaluate The Safety And Efficacy Of IPX066 In Subjects With Parkinson’s Disease ” 2009.
- **Principal Investigator** in the AC-0588B201- Study: „A multicenter, randomized, double-blind, placebo-controlled, parallel-group, dose-finding study to evaluate the efficacy, safety and tolerability of three doses of ATC-12800, an oral S1P receptor agonist administered for twenty-four weeks in patients with relapsing-remitting multiple sclerosis” 2009.
- **Principal Investigator** in the Study „Prevention of cerebrovascular and cardiovascular Events of ischaemic origin with teRutroban in patients with a history of ischaemic stroke or transient ischaemic attack. The Perform Study. An International, randomized double-blind, two parallel group study comparing terutroban 30 mg o.d. versus aspirin 100 mg o.d. administered orally for a –year mean duration (event-driven trial). Protocol CL3-18886-012. Număr EUDRA CT 2005-003700-10 duration 2006-2010.
- **Principal Investigator** in TULEP I Study: „Transdermal Use of Lisuride in Early Parkinson’s disease. A double-blind randomized, Placebo and Pramipexole controlled study to evaluate the efficacy and safety of Lisuride TTS” Ianuarie 2007.
- **Principal Investigator** in ALLEGRO Study – „Assessment of Oral Laquinimod in Preventing Progression of multiple sclerosis. A global pivotal, double-blind, Phase III study designed to

evaluate the efficacy, safety and tolerability of the oral investigational compound Laquinimod versus placebo in the treatment of relapsing-remitting multiple sclerosis" 2007- ongoing.

- **Principal Investigator** in „The REFLEX – Rebif Flexible Dosing in Early Multiple Sclerosis – A phase III randomised double blind placebo controlled multicentered clinical trial of Rebif new formulation (44microg NTIW and 44microg OW) in subjects at high risk of converting to multiple sclerosis" 2007.
- **Principal Investigator** in 109 MS 301 Study – „A Randomised Multicenter Double-blind Placebo Controlled Dose-Comparison Study to Determine the Efficacy and Safety of BG0012 in patients with Recurrent Remissive Multiple Sclerosis" a phase III trial- 2007 – ongoing.
- **Principal Investigator** in NW-1015/016 /III /2006 Study – “A phase III double-blind, placebo-controlled study to determine the efficacy and safety of a low and high dose of safinamide as add-on therapy in patients with idiopathic Parkinson’s disease with motor fluctuations" 2006.
- **Principal Investigator** in „ A Multicenter, Randomized, Double-Blind, Double-Dummy, Parallel Group, Study Assessing the Add-on effect of glatiramer Acetate (Ga) of alfacalcidol or Simvastatin in relapsing-remitting Multiple Sclerosis (RR-MS) subjects Treated with GA. – a phase III trial 2005-2006
- **Principal Investigator** in „BHT 3009 Immunotherapy in Relapsing and Remitting Multiple Sclerosis" a phase II trial 2005.
- **Principal Investigator** in ADAGIO Study: – “A multicenter phase III, double-blind, randomized start, placebo-controlled ,parallel-group study to assess rasagiline as a disease-modifying therapy in early Parkinson’s disease subjects" Protocol, TPV 1012/500-2005.
- **Principal Investigator** in TULIP II b Study: „ A double blind, randomised, multicentre, prospective, placebo-controlled Phase II b study to evaluate the efficacy and safety of transdermal lisuride as the add-on medication in patients with fluctuating Parkinson’s disease, motor fluctuations and „OFF" periods during the waking day" Decembrie 2004-Septembrie 2005.
- **Principal Investigator** in „A multi-center open-label study to evaluate the efficacy, tolerability and safety of glatiramer acetate (GA) in combination with methylprednisolone treatment for 6 months followed by GA alone for 6 months, in subjects with relapsing-remitting multiple – sclerosis (R-R MS) with active disease on MRI a phase III trial 2005
- **Principal Investigator** in „ A pilot, multicenter, open-label, one group study to explore the efficacy, tolerability, and safety of 15 mg TV-5010 administered once weekly in subjects with relapsing-remitting multiple sclerosis" 2004-2005.
- **Principal Investigator** in GA/9010 PreCISe Study – „A Multinational, Multicenter, Randomized, double-Blind, Placebo-controlled, Parallel group Study to Evaluate the Effect of Early Glatiramer Acetate Treatment in Delaying the Conversion to clinically Definite Multiple sclerosis (CdMS)of Subjects Presenting with a Clinically Isolated Syndrome" a phase III trial 2004.

Proiecte de cercetare

2017

- Assessing the role of microRNA markers in biological fluids and neurodegenerative diseases Pathogenesis - Member

2011

- Study HURO -/0901/021/2.2.3 -„Biomark" „Identification of biomarkers in patients suffering from multiple sclerosis" University of Szeged, 2011 - Project manager for Romania

2005 - 2007

- „Impactul alimentelor funcționale multicomponent în combaterea obezității și aterosclerozei ANTIATERO-ALIM", grant câștigat prin competiție CEEX 10/2005, perioadă derulare 2005- 2007, director de grant Simona Drăgan, M. Simu – membru

2005 – present

- Studiul Bioactivității sinergice a alimentelor funcționale antioxidante în reversibilitatea sindromului metabolic MET-ANTIOX " grant won through competition CEEX 10/2005 2005, Simona Drăgan - Grant Manager, M. Simu – Member

2006 – 2008

- "Determinarea expresiei glicosfingolipidelor complexe în sistemul nervos central prin dispozitive de microchipuri integrate polifuncționale cuplate cu spectrometrie de masă

2007 – 2009

- de înaltă performanță* grant won through competition CEEX 1/2006 2006-2008 M1
Eugen Șîșu - Grant Manager , M. Simu – Member
- Eficientizarea tratamentului recuperator prin elaborare și implementare de protocoale de kinetoterapie SOP și optimizarea strategiilor terapeutice în recuperare* . REHAOPTIM proiect 41028 / 2007 câștigat prin prin competiție Program IV , PNCDI II, perioada de derulare 2007-2009, Galoși Lucian - Project Manager, M. Simu – Member

Prof. dr. Simu Mihaela