



PERSONAL INFORMATION



Mihaela Adriana Simu

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Orcid : <https://orcid.org/0000-0001-9676-1282>

Sexul: Feminin | Data nașterii: 06.12.1955 | Naționalitatea: Romana

WORK EXPERIENCE

2013 – present
2007 – Present

Member of
Professor

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

2006 - Present

Head of Neurology Clinic II,

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

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

PERSONAL SKILLS

Mother tongue(s)

Romanian

Other language(s)

English

German

French

• 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

B

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 of Neuroscience Departament of „Victor Babes” University of Medicine and Pharmacy Timisoara (2015 - 2021)

EAN (European Academy of Neurology)- representative of Romania for Inflammatory Neuropathies (2015-)

Representative of Romania at ECTRIMS (2013 – 2017)

Member of Expert Comission for impementation of National Program for treatmetnt of Multiple Scleorsis (2013 – present)

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 Asociația medicală româno-olandeză Duromef

CERCETARE STIINTIFICA

Monografii

2013

- „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

- 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

- 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, Colectia Medica

Cursuri

- 2007
- Mihaela **Simu** „Curs de neurologie”, 305 pg., 2007, ISBN.: 978-973-52-0274-3, Editura Mirton, Colectia Medica.
- Mihaela **Simu** „Neurology Course”,295 pg., 2007, ISBN.: 978-973-52-0275-0, Editura Mirton, Colectia Medica.
- 2000
- Mihaela **Simu** „Curs de neurologie” - (sub redactia A. Zolog) LITO UMFT, 2000

Publications

2021

Articles in journals with
impact factor

- Kovács N, Bergmann L, Anca-Herschkovitsch M, Cubo E, Davis TL, Iansek R, Siddiqui MS, **Simu M**, Standaert DG, Chaudhuri KR, Bourgeois P, Gao T, Kukreja P, Pontieri FE, Aldred J. Outcomes Impacting Quality of Life in Advanced Parkinson's Disease Patients Treated with Levodopa-Carbidopa Intestinal Gel. J Parkinsons Dis. 2021 Dec 30. doi: 10.3233/JPD-212979. Epub ahead of print. PMID: 34974438.
- **Simu MA**, Jianu DC, Dulamea AO, Constantin VA, Popescu D, Parra JC, Szász JA. Advanced Parkinson's Disease Treatment Simplification and Long-Term Outcomes with Levodopa Carbidopa Intestinal Gel: COSMOS Romanian Subanalysis. Brain Sci. 2021 Nov 27;11(12):1566. doi: 10.3390/brainsci11121566. PMID: 34942868; PMCID: PMC8699449.
- 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 Sep;25(18):8715-8724. doi: 10.1111/jcmm.16827. Epub 2021 Jul 30. PMID: 34328686; PMCID: PMC8435426.
- 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 Sep;25(18):8715-8724. doi: 10.1111/jcmm.16827. Epub 2021 Jul 30. PMID: 34328686; PMCID: PMC8435426.

- Szász JA, Constantin VA, Orbán-Kis K, Bancu LA, Ciorba M, Mihály I, Nagy EE, Szász RM, Kelemen K, **Simu MA**, Szatmári S. Management Challenges of Severe, Complex Dyskinesia. Data from a Large Cohort of Patients Treated with Levodopa-Carbidopa Intestinal Gel for Advanced Parkinson's Disease. *Brain Sci*. 2021 Jun 22;11(7):826. doi: 10.3390/brainsci11070826. PMID: 34206596; PMCID: PMC8301838.
- 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 (Basel)*. 2021 Jun 20;11(6):1124. doi: 10.3390/diagnostics11061124. PMID: 34202994; PMCID: PMC8235728.
- Rosca EC, Tudor R, Cornea A, **Simu M**. Parkinson's Disease in Romania: A Scoping Review. *Brain Sci*. 2021 May 27;11(6):709. doi: 10.3390/brainsci11060709. PMID: 34071802; PMCID: PMC8226866.
- Rosca EC, Tudor R, Cornea A, **Simu M**. Central Nervous System Involvement in Trichinellosis: A Systematic Review. *Diagnostics (Basel)*. 2021 May 25;11(6):945. doi: 10.3390/diagnostics11060945. PMID: 34070586; PMCID: PMC8227095.
- Enătescu VR, Cozma D, Tint D, Enătescu I, **Simu M**, Giurgi-Onocu C, Lazar MA, Mornos C. The Relationship Between Type D Personality and the Complexity of Coronary Artery Disease. *Neuropsychiatr Dis Treat*. 2021 Mar 18;17:809-820. doi: 10.2147/NDT.S303644. PMID: 33776437; PMCID: PMC7987318.
- Rosca EC, Tudor R, Cornea A, **Simu M**. Parkinson's Disease in Romania: A Scoping Review Protocol. *Brain Sci*. 2021 Feb 17;11(2):251. doi: 10.3390/brainsci11020251. PMID: 33671440; PMCID: PMC7922587.
- Pop R, Hasiu A, Mangin PH, Severac F, Mihoc D, Nistoran D, Manisor M, **Simu M**, Chibbaro S, Gheoca R, Quenardelle V, Rouyer O, Wolff V, Beaujeux R. Postprocedural Antiplatelet Treatment after Emergent Carotid Stenting in Tandem Lesions Stroke: Impact on Stent Patency beyond Day 1. *AJNR Am J Neuroradiol*. 2021 May;42(5):921-925. doi: 10.3174/ajnr.A6993. Epub 2021 Feb 18. PMID: 33602749; PMCID: PMC8115381.
- Standaert DG, Aldred J, Anca-Herschkovitsch M, Bourgeois P, Cubo E, Davis TL, Iansek R, Kovács N, Pontieri FE, Siddiqui MS, **Simu M**, Bergmann L, Kukreja P, Robieson WZ, Chaudhuri KR. DUOGLOBE: One-Year Outcomes in a Real-World Study of Levodopa Carbidopa Intestinal Gel for Parkinson's Disease. *Mov Disord Clin Pract*. 2021 Sep 12;8(7):1061-1074. doi: 10.1002/mdc3.13239. PMID: 34631942; PMCID: PMC8485588.
- 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-Onocu 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-Onocu C, Hogeia 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

2020

Articles in journals with
impact factor

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; Hogeia, L Homorogan, C; Enatescu, I; Papava, Marinescu, I; Ifteni, P; **Simu, M** Catalin, M; Giurgi-Onocu, 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; Hogeia, L; Enatescu, I; Marinescu, I; Ifteni, P; **Simu, M**; Marian, C; Giurgi-Onocu, 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-Onocu, C; Hogeia, 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-Onocu, 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, Tonnet 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
-
- 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

2019

Articles in journals with impact factor

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., Cojocarua, 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, AldredJ, Herschkovitsch 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
- Balasa RI, **Simu M**, Voidazan S, Barcutean 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
- 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

Abstracts

2018

Articles in
journals with
impact factor

cerebral metabolites by spectroscopy in epilepsy treatment, *Chimia*, 2018, vol. 69(4):965-970, ISSN 2537-5733, IF 1.232

Apstracts

2017

Articles in journals with impact factor

- 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
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- **Simu M**, Petrica M, Chirileanu RD, Reisz D, Dină C, Mut B, Slovenski M, Bârsășteanu F, Sintean M. Beneficiul neurologic al procedurii de stentare a leziunilor carotidiene extracraniene cu smartstent și angioguard. Revista Română de Stroke (avc) 2004, VII (1) A VII-a Conferință Națională de stroke (avc) 14-15 octombrie 2004, (abstract).
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Oral presentations

2021

- Atrofia musculară spinală la vârsta adultului - notiuni practice esențiale - Prof Dr Mihaela Simu - Clinica Neurologie, Spitalul Clinic Județean de Urgență "Pius Brînzeu" Timișoara; Simpozion "Atrofia musculară spinală la adult" 7 iunie 2021
- Updates on Parkinson's disease therapeutic algorithm Mihaela Simu (Romania); 16th International Summer School of Neurology – Virtual Congress 19 - 21 September 2021
- Neuromodularea în tratamentul durerii cronice (20min)
- Mihaela Simu, A. Brânzeu Al XIX-lea Congres al Societății de Neurologie din Romania, (congres virtual)16 – 19 noiembrie 2021
- Experiența Clinicii de Neurologie UMF "V. Babeș" la pacienții infectați cu sars- Cov-2 Mihaela Simu Al XIX-lea Congres al Societății de Neurologie din Romania, (congres virtual)16 – 19 noiembrie 2021
- Algoritm de tratament in boala Parkinson - opinia expertilor;
- Mihaela Simu Al XIX-lea Congres al Societății de Neurologie din Romania, (congres virtual)16 – 19 noiembrie 2021
- Considerații actuale de bună practică în managementul bolii Parkinson avansate pentru terapia continuă intrajejunală Mihaela Simu Al XIX-lea Congres al Societății de Neurologie din Romania, (congres virtual)16 – 19 noiembrie 2021

2020

- Pompe disease - a treatable rare disease Mihaela Simu (Romania); Task Force for Rare Neurologic Diseases the 4th Teaching Course 8 September 2020 , Virtual Event

2019

- **Simu M**, Planning familial in scleroza multipla, The 17th Congress of The ROMANIAN SOCIETY of NEUROLOGY RJN, Volume XVIII, Suppl., 2019
- Tiu C; Tuta S; Sabau M, **Simu MA**, Panea CA; Bardan T, Cuciureanu DS, Balasa R. Improving in Stroke care quality in Romania - data from RES-Q registry, The 17th Congress of The ROMANIAN SOCIETY of NEUROLOGY RJN, Volume XVIII, Suppl., 2019

2018

- **Simu M** Focus on multidisciplinary approach in advanced Parkinson's disease 13th International Summer School of Neurology 2018 Eforie Nord, Romania, www.ssn.ro, ISSN 2501 – 8957, ISSN – L 2501 - 8957

2017

- **Simu M**, Evolutii in peisajul terapeutic al sclerozei multiple - exista inca nevoi nesolutionate? The 15th Congress of the Romanian Society of Neurology, Bucharest, 2017, Volume XVI, Suppl., 201
- **Simu M**, Eficacitatea pe termen lung a terapiei cu anticorpi monoclonali anti 52 in scleroza multipla, The 15th Congress of the Romanian Society of Neurology, Bucharest, 2017, Volume XVI, Suppl., 201
- **Simu M**, Eficacitatea pe termen lung a terapiei cu anticorpi monoclonali anti 52 in scleroza multipla, The 15th Congress of the Romanian Society of Neurology, Bucharest, 2017, Volume XVI, Suppl., 201
- **Simu M**, Dovezi clinice recente ale terapiei de infuzie intestinala cu levodopa a pacientului cu boala Parkinson avansat, The 15th Congress of the Romanian Society of Neurology, Bucharest, 2017, Volume XVI, Suppl., 201
- **Simu M**, Terapia biologica a spasticitatii din bolile neurologice, The 15th Congress of the Romanian Society of Neurology, Bucharest, 2017, Volume XVI, Suppl., 201

2016

- **Simu M**, Pathogenesis, diagnosis and risk stratification algorithm for Natalizumab-associated progressive multifocal leukoencephalopathy The 11th International Summer School of Neurology 3 – 7 Jul 2016, Eforie Nord, Romania, www.ssn.ro, ISSN 2501 – 8957, ISSN – L 2501 – 8957
- **Simu M**, Rosca C, Budisteanu A. Experienta Clinicii Timisoara cu Natalizumab. Conferinta Nationala de Scleroza Multipla, Editia XI, 17 - 18 Nov 2016, Iasi, Romania (prezentare)
- **Simu M**, Cornea A, Dijmarescu C, Date epidemiologice privind scleroza multipla in zona de Vest a Romaniei. Conferinta Nationala de Scleroza Multipla, Editia XI, 17 - 18 Nov 2016, Iasi, Romania
- **Simu M**, "Diagnosticul in trei pasi al sclerozei multiple". Conferinta Nationala de Scleroza Multipla, Editia XI, 17 - 18 Nov 2016, Iasi, Romania
- **Simu M**, Redefinirea eficacității în scleroza multiplă - de la studii la experiența clinică" (Redefining efficacy in multiple sclerosis – from clinical trials to clinical

- experience) The 14th Congress of the Romanian Society of Neurology, Bucharest, 2016
- **Simu M**, The first electronic device to improve adherence in RR-MS patients. The 14th Congress of the Romanian Society of Neurology, Bucharest, 2016
 - **Simu M**, Pop R Exista o legatura intre foramen ovale patent si AVC ischemic pathogenic?". The 14th Congress of the Romanian Society of Neurology, Bucharest, 2016
 - Popescu CD, **Simu M**, Buraga I. Aderenta in terapia cu scleroza multipla. Conferinta Nationala de Scleroza Multipla. Editia XI, 17 - 18 Nov 2016, Iasi, Romania
- 2015
- **Simu M**. Evaluation of parkinson's disease – Features of advanced stages. The 10th International Summer School of Neurology 5 – 9 Jul 2015, Eforie Nord, Romania, www.ssn.ro
 - **Simu M**. Measuring and managing disease activity. The 10th International Summer School of Neurology 5 – 9 Jul 2015, Eforie Nord, Romania, www.ssn.ro
 - **Simu M**. Investigatia cerebrala multimodala in faza acuta a AVC ischemic – implicatii terapeutice. The 13th Congress of the Romanian Society of Neurology, Bucharest. Romanian Journal of Neurology 2015; vol. XIV, suppl.
 - Pop R, **Simu M**. Tratatamentul endovascular al AVC ischemice – indicatii, tehnici, rezultate" ("Endovascular treatment of ischemic stroke – indications, techniques, result") The 13th Congress of the Romanian Society of Neurology, Bucharest,. Romanian Journal of Neurology 2015; vol XIV, suppl
- 2014
- **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.ssn.ro
 - **Simu M**. Patients' Management in MS Treatment. The 9th International Summer School of Neurology 6 – 10 Jul 2014, Eforie Nord, Romania, www.ssn.ro
- 2013
- **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
 - **Simu M**. Tailoring Multiple Sclerosis treatment based on individual patient needs. Abstracts of the 8th International Summer School of Neurology Eforie Nord, July 2013
- 2012
- **Simu M**. Treating Walking Impairments in MS. The 8th International Summer School of Neurology 1 – 4 Jul 2012, Eforie Nord, Romania, www.ssn.ro
- 2011
- **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
- 2008
- **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
- **Simu M**. Sindromul clinic izolat. Conferinta Nationala de Scleroza Multipla, 14-16 iunie 2006, Iasi.
 - **Simu M**. Tratatamentul cu mitoxantrona in terapia sclerozei multiple experienta clinicii neurologice din Timisoara. Prima Conferinta Nationala de Scleroza Multipla Iasi, iunie 2005

Clinical studies

- **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 ofF 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.

Research projects and grants

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 gilcosfingolipidelor complexe în sistemul nervos central prin dispozitive de microchipuri integrate polifuncționalecuplate cu spectrometrie de masă

2007 – 2009

- de înaltă performanță" grant won through competition CEEX 1/2006 2006-2008 M1
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Data 03/03/2022

Prof. dr. Simu Mihaela