



INFORMAȚII PERSONALE



EXPERIENȚA PROFESIONALĂ

Mihaela Adriana Simu

2007 – prezent	Profesor Universitar <ul style="list-style-type: none">Disciplina de Neurologie, Universitatea de Medicina si Farmacie "V. Babeș", Timisoara, Romania
2006 - prezent	P-ta. Eftimie Murgu nr 1 – 2, cod postal Sef Clinica Neurologie II, <ul style="list-style-type: none">Spitalul Clinic Judetean de Urgenta „Pius Brinzeu” Timisoara , Bulevardul Liviu Rebreanu, Nr. 156, Cod 300723, Timișoara, http://www.hospitm.ro
2002 – 2007	Conferentiar Universitar <ul style="list-style-type: none">Disciplina de Neurologie, Universitatea de Medicina si Farmacie "V. Babeș", Timisoara, Romania
1998 - 2002	Sef Lucrari <ul style="list-style-type: none">Disciplina de Neurologie, Universitatea de Medicina si Farmacie "V. Babeș", Timisoara, Romania
1996 – prezent	Medic Primar Neurolog <ul style="list-style-type: none">Spitalul Clinic Judetean de Urgenta „Pius Brinzeu” Timisoara
1992 -1998	Asist. Universitar <ul style="list-style-type: none">Disciplina de Neurologie, Universitatea de Medicina si Farmacie "V. Babeș", Timisoara, Romania
1992 – 1996	Medic Specialist Neurolog <ul style="list-style-type: none">Spitalul Clinic Judetean de Urgenta „Pius Brinzeu” Timisoara
1989 – 1992	Medic Rezident Neurolog <ul style="list-style-type: none">Spitalul Clinic Judetean de Urgenta „Pius Brinzeu” TimisoaraClinica de Neurologie – Spitalul Clinic Colentina Bucuresti
1980– 1983	Stagiar, Medicina interna, chirurgie, neurochirurgie, neurologie, terapie intesiva, pediatrie <ul style="list-style-type: none">Universitatea de Medicina si Farmacie „Victor Babeș” Timisoara, Romania
EDUCAȚIE ȘI FORMARE	
2010	Conducator doctorate (echivalentul tezei de abilitare, ordinul nr 4631/04/08/2010 <ul style="list-style-type: none">Universitatea de Medicina si Farmacie „Victor Babeș” Timisoara, Romania
2004	Competenta EEG <ul style="list-style-type: none">(nr. 13958/02.06. 2004) Seria C Nr.012228 Competenta EMG <ul style="list-style-type: none">(nr 13959/02.06.2004) Seria C Nr. 012229
2001	Doctorat <ul style="list-style-type: none">“Tulburări agnosoapraxice 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	Bursa Neurologie / Neurofiziologie, <ul style="list-style-type: none">Universitatea Rechts der Isaar, TUM Muenchen (Prof. B. Konrad)
1996 - 2001	Studii doctorale <ul style="list-style-type: none">Universitatea de Medicina si Farmacie „Victor Babeș” Timisoara, Romania
1995	Bursa DUROME (prin concurs), Neurologie/Neurofiziologie, <ul style="list-style-type: none">Universitatea Raudboud Nijmegen – Olanda (prof. Dr.S.L.H. Notermans)

COMPETENTE
PERSONALE

Alte limbi străine
cunoscute

INTELEGERE		VORBIRE		SCRIERE	
Ascultare	Citire	Participare la conversație	la	Discurs oral	Exprimare scrisa
Engleza	C1	C1		C1	C1
Franceza	C1	C1		C1	C1
Germana	B2	B2		B2	B2

Niveluri: A1/2: Utilizator elementar - B1/2: Utilizator independent - C1/2: Utilizator experimentat,
Cadru european comun de referință pentru limbi străine

Competente digitale Utilizarea aplicatiilor Microsoft Office (Word, Power Point, Excel, Outlook, OneNote)

Permis de conducere B

Premii

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)

Membri in organizatii
profesionale

Vicepresedinte Colegiul Medicilor Timis (2016 –)
Director Departament Neurostiinte al Universitatii de Medicina si Farmacie „Victor Babes” Timisoara (2015)
EAN (European Academy of Neurology)-reprezentantul Romaniei pentru Neuropatii inflamatorii (2015-)
Reprezentantul României in ECTRIMS (2013 – 2017)
Membru in comisia de experti pentru implementarea Programului National de Scleroza Multipla (2013 - present)
Membru in Comitetul Director al Societatii Nationale de Neurologie din Romania (2013 –)
Membru in 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

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

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

Cursuri

- Mihaela Simu, „Sindroame Parietale”, 115 pg., 2007, ISBN.: 978-973-52-0267-5, Editura Mirton, Colectia Medica
- 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

Publicatii

2023

Articole in extenso

- 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 Sep;134:256-260. doi: 10.1016/j.ijid.2023.07.001. Epub 2023 Jul 7. PMID: 37423421.
- Zippenfening HA, Amaricai E, Lupsa Matchescu M, Militaru M, Simu M. Myotonometry in Patients with Parkinson’s Disease: Assessment of Pre and Post Treatment through Comparisons with Healthy Controls. *Applied Sciences.* 2023; 13(10):6164. <https://doi.org/10.3390/app13106164>
- Cornea A, Lata I, Simu M, Rosca EC. Parsonage-Turner Syndrome Following SARS-CoV-2 Infection: A Systematic Review. *Biomedicines.* 2023 Mar 9;11(3):837. doi: 10.3390/biomedicines11030837. PMID: 36979815; PMCID: PMC10045449.
- Daruwalla C, Shaygannejad V, Ozakbas S, Havrdova EK, Horakova D, Alroughani R, Boz C, Patti F, Onofrj M, Lugaresi A, Eichau S, Girard M, Prat A, Duquette P, Yamout B, Houry SJ, Sajedi SA, Turkoglu R, Altintas A, Skibina O, Buzzard K, Grammond P, Karabudak R, van der Walt A, Butzkueven H, Maimone D, Lechner-Scott J, Soysal A, John N, Prevost J, Spitaleri D, Ramo-Tello C, Gerlach O, Iuliano G, Foschi M, Ampapa R, van Pesch V, Barnett M, Shalaby N, D’hooghe M, Kuhle J, Sa MJ, Fabis-Pedrini M, Kermode A, Mrabet S, Gouider R, Hodgkinson S, Laureys G, Van Hijfte L, Macdonell R, Oreja-Guevara C, Cristiano E, McCombe P, Sanchez-Menoyo JL, Singhal B, Blanco Y, Hughes S, Garber J, Solaro C, McGuigan C, Taylor B, de Gans K, Habek M, Al-Asmi A, Mihaela S, Castillo Triviño T, Al-Harbi T, Rojas JI, Gray O, Khurana D, Van Wijmeersch B, Grigoriadis N, Inshasi J, Oh J, Aguera-Morales E, Fragoso Y, Moore F, Shaw C, Baghbanian SM, Shuey N, Willekens B, Hardy TA, Decoo D, Sempere AP, Field D, Wynford-Thomas R, Cuniffe NG, Roos I, Malpas CB, Coles AJ, Kalincik T, Brown JWL. Early non-disabling relapses are important predictors of

disability accumulation in people with relapsing-remitting multiple sclerosis. *Mult Scler.* 2023 Jun;29(7):875-883. doi: 10.1177/13524585231151951. Epub 2023 Feb 27. PMID: 36851894; PMCID: PMC10278381.

- Fasano A, García-Ramos R, Gurevich T, Jech R, Bergmann L, Sanchez-Soliño O, Parra JC, Simu M. Levodopa-carbidopa intestinal gel in advanced Parkinson's disease: long-term results from COSMOS. *J Neurol.* 2023 Feb 18. doi: 10.1007/s00415-023-11615-3. Epub ahead of print. PMID: 36802031.
- Cornea A, Lata I, Simu M, Rosca EC. Assessment and Diagnosis of HIV-Associated Dementia. *Viruses.* 2023 Jan 28;15(2):378. doi: 10.3390/v15020378. PMID: 36851592; PMCID: PMC9966987.
- Cornea A, Lata I, Simu M, Rosca EC. Wernicke Encephalopathy Presenting with Dysphagia: A Case Report and Systematic Literature Review. *Nutrients.* 2022 Dec 13;14(24):5294. doi: 10.3390/nu14245294. PMID: 36558453; PMCID: PMC9788281.
- 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 Jul 7;134:256-260. doi: 10.1016/j.ijid.2023.07.001. Epub ahead of print. PMID: 37423421.
- Sharmin S, Roos I, Simpson-Yap S, Malpas C, Sánchez MM, Ozakbas S, Horakova D, Havrdova EK, Patti F, Alroughani R, Izquierdo G, Eichau S, Boz C, Zakaria M, Onofri J, Lugaresi A, Weinstock-Guttman B, Prat A, Girard M, Duquette P, Terzi M, Amato MP, Karabudak R, Grand'Maison F, Khoury SJ, Grammond P, Lechner-Scott J, Buzzard K, Skibina O, van der Walt A, Butzkueven H, Turkoglu R, Altintas A, Maimone D, Kermodé A, Shalaby N, Pesch VV, Butler E, Sidhom Y, Gouider R, Mrabet S, Gerlach O, Soysal A, Barnett M, Kuhle J, Hughes S, Sa MJ, Hodgkinson S, Oreja-Guevara C, Ampapa R, Petersen T, Ramo-Tello C, Spitaleri D, McCombe P, Taylor B, Prevost J, Foschi M, Snee M, McGuigan C, Laureys G, Hijfte LV, de Gans K, Solaro C, Oh J, Macdonell R, Aguera-Morales E, Singhal B, Gray O, Garber J, Wijmeersch BV, Simu M, Triviño TC, Sanchez-Menoyo JL, Khurana D, Al-Asmi A, Al-Harbi T, Deri N, Fragoso Y, Lalive PH, Sinnige LGF, Shaw C, Shuey N, Csepany T, Sempere AP, Moore F, Decoo D, Willekens B, Gobbi C, Massey J, Hardy T, Parratt J, Kalincik T. The risk of secondary progressive multiple sclerosis is geographically determined but modifiable. *Brain.* 2023 Jun 27:awad218. doi: 10.1093/brain/awad218. Epub ahead of print. PMID: 37369086.
- Chaudhuri KR, Kovács N, Pontieri FE, Aldred J, Bourgeois P, Davis TL, Cubo E, Anca-Herschkovitsch M, Iansek R, Siddiqui MS, Simu M, Bergmann L, Ballina M, Kukreja P, Ladhani O, Jia J, Standaert DG. Levodopa Carbidopa Intestinal Gel in Advanced Parkinson's Disease: DUOGLOBE Final 3-Year Results. *J Parkinsons Dis.* 2023;13(5):769-783. doi: 10.3233/JPD-225105. PMID: 37302039.

2023

Articole publicate in rezumat

- N. Kovács, M. Simu, O. Sanchez Soliño, J. Parra, J. Alcazar, S. Snedecor, V. Fung. Reported Clinical and Quality-of-Life Outcomes With 24-Hour Levodopa-Carbidopa Intestinal Gel Administration Compared With 16-Hour Administration [abstract]. *Mov Disord.* 2022; 37 (suppl 1). <https://www.mdsabstracts.org/abstract/reported-clinical-and-quality-of-life-outcomes-with-24-hour-levodopa-carbidopa-intestinal-gel-administration-compared-with-16-hour-administration/>. Accessed August 23, 2023.

2022

Articole in extenso

- Cornea A, Lata I, Simu M, Rosca EC. Wernicke Encephalopathy Presenting with Dysphagia: A Case Report and Systematic Literature Review. *Nutrients.* 2022 Dec 13;14(24):5294. doi: 10.3390/nu14245294. PMID: 36558453; PMCID: PMC9788281.
- Cornea A, Simu M, Rosca EC. Subarachnoid Hemorrhage in Patients with SARS-CoV-2 Infection: Protocol for A Scoping Review. *Brain Sci.* 2022 Sep 30;12(10):1327. doi: 10.3390/brainsci12101327. PMID: 36291263; PMCID: PMC9599430.
- Rosca EC, Simu M. Montreal cognitive assessment for evaluating cognitive impairment in Huntington's disease: a systematic review. *CNS Spectr.* 2022 Feb;27(1):27-45. doi: 10.1017/S1092852920001868. Epub 2020 Oct 7. PMID: 33023702.
- 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.* 2022;12(3):917-926. doi: 10.3233/JPD-212979. PMID: 34974438; PMCID: PMC9108584.
- Tiu, C., Terecoasă, E. O., Tuță, S., Bălașa, R., Simu, M., Sabău, M., Stan, A., Radu, R. A., Tiu, V., Cășaru, B., Negrilă, A., & Panea, C. (2022). Quality of acute stroke care in Romania:

Achievements and gaps between 2017 and 2022. *European Stroke Journal*. <https://doi.org/10.1177/23969873221108746>

- Szász JA, Constantin VA, Orbán-Kis K, Bancu LA, Bataga SM, Ciorba M, Nagy E, Neagoe MR, Mihály I, Szász RM, Kelemen K, Simu M, Szatmári S. Levodopa-Carbidopa Intestinal Gel in Advanced Parkinson's Disease: Observations and Dilemmas after 10 Years of Real-Life Experience. *Pharmaceutics*. 2022 May 24;14(6):1115. doi: 10.3390/pharmaceutics14061115. PMID: 35745688; PMCID: PMC9231164.
- Cornea A, Simu M, Rosca EC. Montreal Cognitive Assessment for Evaluating Cognitive Impairment in Subarachnoid Hemorrhage: A Systematic Review. *J Clin Med*. 2022 Aug 10;11(16):4679. doi: 10.3390/jcm11164679. PMID: 36012917; PMCID: PMC9409824.
- Pop R, Severac F, Hasiu A, Mihoc D, Mangin PH, Chibbaro S, Simu M, Tudor R, Gheoca R, Quenardelle V, Wolff V, Beaujeux R. Conservative versus aggressive antiplatelet strategy for emergent carotid stenting during stroke thrombectomy. *Interv Neuroradiol*. 2022 Mar 7:15910199221083112. doi: 10.1177/15910199221083112. Epub ahead of print. PMID: 35253529.
- Fasano, A., O'Sullivan, S., Johansson, A., Parra, J., Saad, A., Bergmann, L., Krikmann, U. and Simu, M., 2022, July. Predictors of Motor Symptom Response with Levodopa-Carbidopa Intestinal Gel in Advanced PD: COSMOS Post Hoc Analysis. In *EUROPEAN JOURNAL OF NEUROLOGY* (Vol. 29, pp. 175-175). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY(abstract).

2022

Articole publicate in rezumat

2021

Articole in reviste cu factor de impact

- 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.
- 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.
- 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.
- Enatescu VR, Cozma D, Tint D, Enatescu I, Simu M, Giurgi-Onu 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.

2020

Articole in reviste
cu factor de impact

- 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-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, 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.
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- Updates on Parkinson's disease therapeutic algorithm Mihaela Simu (Romania); 16th International Summer School of Neurology – Virtual Congress 19 - 21 September 2021
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- 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
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- 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. Tratamentele endovasculare 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
- 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
- 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
- Simu M. Treating Walking Impairments in MS. The 8th International Summer School of Neurology 1 – 4 Jul 2012, Eforie Nord, Romania, www.ssn.ro
- 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.

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- 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
- 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

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 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.

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 gilcosfingolipidelor 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 CEEEX 1/2006 2006-2008 M1
Eugen Şişu - 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 ProgramIV , PNCDI II, perioada de derulare 2007-2009, Galoși Lucian - Project Manager, M. Simu – Member

Data

19/09/2023