



Curriculum vitae

Ignat Emilian-Bogdan



Universitatea de Medicină și Farmacie „Grigore T Popa” Iași,
Str. Universității, nr. 16, Iași, România

Spitalul Clinic de Recuperare Iași, Clinica de Neurologie,
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Pozitia actuala

Conferentiar universitar (Disciplina de Neurologie, departamentul Medicale III)

Universitatea de Medicina si Farmacie „Grigore T. Popa” Iași
Feb 2025 – in prezent

Seful sectiei clinice Recuperare medicala neurologie

Spitalul Clinic de Recuperare Iasi
Jul 2019 – in prezent

Medic primar neurolog

Sectia clinica Recuperare medicala neurologie, Spitalul Clinic de Recuperare Iasi
Jan 2013 – in prezent

Pozitii anterioare

Sef de lucrari (Disciplina de Neurologie, departamentul Medicale III)

Universitatea de Medicina si Farmacie „Grigore T. Popa” Iași
Mar 2014 – Feb 2025

Asistent universitar (Disciplina de Neurologie, departamentul Medicale III)

Universitatea de Medicina si Farmacie „Grigore T. Popa” Iași
Mar 2008 – Aug 2014

Preparator universitar (Disciplina de Neurologie, departamentul Medicale III)

Universitatea de Medicina si Farmacie „Grigore T. Popa” Iași
Mar 2004 – Mar 2008

Medic specialist neurolog

Sectia clinica Recuperare medicala neurologie, Spitalul Clinic de Recuperare Iasi

Jan 2007 – Dec 2012

Educație și formare

Perioada	1990-1994
Calificarea / diploma obținută	Bacalaureat; calificare operator calculator, ajutor programator, ajutor analist
Numele și tipul instituției de învățământ	Liceul de informatică „Grigore Moisil” Iași
Perioada	1994-2000
Calificarea / diploma obținută	Doctor-medic
Numele și tipul instituției de învățământ	Facultatea de Medicină, U.M.F. “Gr. T. Popa” Iași
Perioada	2001-2007
Calificarea / diploma obținută	Medic specialist neurolog
Numele și tipul instituției de învățământ	Rezidentiat (concurs national 2000)
Perioada	2007
Calificarea / diploma obținută	Curs de psihopedagogie (certificat nr. G00932129, 25X2007)
Numele și tipul instituției de învățământ	Departamentul pentru pregatirea personalului didactic, UMF "Grigore T. Popa" Iasi
Perioada	2000-2007
Calificarea / diploma obținută	Doctor in medicina
Numele și tipul instituției de învățământ	U.M.F. “Gr. T. Popa” Iași
Perioada	2022
Calificarea / diploma obținută	Atestat de studii complementare în managementul serviciilor de sănătate
Numele și tipul instituției de învățământ	Ministerul Sănătății – Directia Politici de resurse umane in sănătate

Aptitudini și competențe personale

Limba(i) străină(e) cunoscută(e)

Autoevaluare

Nivel european (*)

**Limba franceza
(certificat DALF C1)**

Limba engleza

Înțelegere		Vorbire		Scriere
Ascultare	Citire	Participare la conversație	Discurs oral	Exprimare scrisă
C1	C1	C1	C1	C1
B2	C1	B2	C1	C1

(*) [Nivelul Cadrului European Comun de Referință Pentru Limbi Străine](#)

Competențe și aptitudini organizatorice

- Coordonator regional al centrului de tratament al sclerozei multiple din Iasi (4.a Program national de tratament al bolilor neurologice – scleroza multipla) (din noiembrie 2016)
- Membru al comitetului de organizare al unor conferinte: Conferinta Nationala de Scleroza Multipla (2005, 2006, 2008-2016), Zilele Spitalului Clinic de Recuperare (2020-2025)
- Subinvestigator/ investigator principal studii clinice multicentrice internationale (2006-2018)
- Membru al comitetului de organizare al unor cursuri: curs de stimulare electrică funcțională în recuperarea mersului (FES – IAȘI) - curs EMC organizat sub egida UMF "Grigore T. Popa" Iasi, in anii 2005-2015
- Coordonator rezidentiat (Neurologie) – din aprilie 2019
- Sef al Sectiei Clinice Recuperare Medicala Neurologie (din iulie 2019)

Competențe și aptitudini de utilizare a calculatorului

Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
independent	experimentat	independent	independent	independent

Creare/editare de text și imagini. Elemente de baza de statistica (utilizarea SPSS/programe similare). Elemente de baza de programare.

Competențe științifice (din ultimii 10 ani)

Web of Science [ResearcherID: R-3900-2017](#)
 ORCID number: <https://orcid-org.dbproxy.umfiasi.ro/0000-0002-6952-9741>
 Scopus Author ID: [6504757094](#)

Lista de publicații atașată

Data

28 iunie 2026

Semnătura

Ignat Emilian-
Bogdan

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 givenName=Emilian-Bogdan, sn=Ignat,
 o=UAT IASI-IS, l=Mun.Iasi, st=Iasi, c=RO,
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A. Teza de doctorat

Domeniul: medicina. Titlul: "Utilizarea stimulării electrice funcționale în recuperarea mersului pacienților cu accident vascular cerebral". Sustinere publica: iulie 2011; confirmata prin Ordinul nr 6468 din 7.XII.2011 (UMF "Grigore T. Popa" Iasi)

B. Cărți și capitole în cărți :

1. Poboroniuc, Popescu CD, **Ignat B.** Stimularea electrică funcțională. Controlul neuroprotezelor. Editura Politehnicum Iași 2005, ISBN 973-621-133-9 M.
2. Popescu CD, Baltag D, Constantinescu A, Mihailovici V, Rotar A, Ignat B. Bolile neurologice eredodegenerative. În "Ghiduri de diagnostic și tratament în neurologie", sub red. Prof. Dr. Ovidiu Băjenaru, Editura Amaltea, 2005, pag 2011-238, ISBN 973-7780-35-3
3. Popescu CD, Mihailovici V, Bohotin V, **Ignat B**, Rotar A, Constantinescu A, Baltag D. "Ghid de evaluare și tratament de recuperare după AVC" (in "Ghiduri de diagnostic si tratament in Neurologie, editia a doua revizuita si adaugita", sub red Prof. Dr. Ovidiu Bajenaru), Editura Amaltea, 2010, pag 148 – 161; ISBN 978-973-162-061-9), <https://www.amaltea.ro/ghiduri-de-diagnostic-si-tratament-in-neurologie-editia-a-2-a>, https://www.neurology.ro/components/com_rsform/uploads/5581115d6d653-Ghiduri_de_diagnostic_si_tratament_in_neurologie.pdf
4. **EB Ignat**, D Matei. Cerebral lobes. Higher cerebral functions. Dementia. in Neurology for medical students. Second edition. Editura "Gr. T. Popa", ISBN 978-606-544-288-7, pg 166-185, 2015
5. **EB Ignat**. Epilepsy. in Neurology for medical students. Second edition. Editura "Gr. T. Popa", ISBN 978-606-544-288-7, pg 186-199, 2015
6. CD Popescu, **EB Ignat**. Painful syndromes: neuropathic pain, headache. in Neurology for medical students. Second edition. Editura "Gr. T. Popa", ISBN 978-606-544-288-7, pg 200-216, 2015
7. Cristian Dinu Popescu, Dan Trofin, Daniela Trofin, **Bogdan Ignat** and Daniela Matei. New Aspects of Therapeutic Management in Alzheimer's Disease - Pp. 20-114 (95) in "Frontiers in Clinical Drug Research - Alzheimer Disorders, Volume 3" by Atta-ur-Rahman. eISBN: 978-1-68108-068-0, 2015. ISBN: 978-1-68108-069-7. ISSN: 2451-8743 (Print). ISSN: 2214-5168 (Online) <https://doi.org/10.2174/9781681080680115030004>; <https://www.eurekaselect.com/chapter/7604>
8. C.D.Popescu, M. Graur, C. Grosu, **B.E. Ignat**, D. Alexa. Insulin, the brain and diabetes complications. 180-206; in "Diabetes Complications. New Explanations and Solutions" by Dan Mircea Cheta; Ed. AGIR, 2014. ISBN 978-973-720-545-2 https://www.edituraagir.ro/carte+diabetes_complications_161.html
9. **B. Ignat** - Lobii cerebrali – in "Curs de neurologie". Aurora Constantinescu, Dan Iulian Cuciureanu. Editura "Gr. T. Popa", Iași, 2018; ISBN 978-606-544-556-7
10. **B. Ignat** - Bolile demielinizante ale sistemului nervos central – in "Curs de neurologie". Aurora Constantinescu, Dan Iulian Cuciureanu. Iași : Editura "Gr. T. Popa", 2018; ISBN 978-606-544-556-7
11. **B. Ignat** - Infecțiile sistemului nervos - in "Curs de neurologie". Aurora Constantinescu, Dan Iulian Cuciureanu. Iași : Editura "Gr. T. Popa", 2018; ISBN 978-606-544-556-7
12. **Ignat EB**, Grosu C, Spinu AD. Probleme neurologice legate de consumul de alcool. Pp 108-129. In „Alcoolul si patologia medicala”, coordonatori Mitu F, Leon Constantin MM, Editura "Gr. T. Popa", 2021; ISBN 978-606-544-759-2
13. **Ignat EB**, Alexinschi O, Matei D. Elemente de neurobiologie a adictiilor. Pp 27-74. In „Compendiu de medicina adictiei”, Ed. Alexinschi O, Cosman D, Hrisu E. Editura Medichub Media, 2024; ISBN 978-630-6630-04-2

C. Lucrări indexate ISI/BDI

Lucrari indexate ISI, autor principal:

1. Grosu C, Croitoru CG, Ciubotaru AF, Alexa D, Gherasim A, Oprescu AC, **Ignat BE**. Vitamin D and the cognitive status: a narrative review. Balneo and PRM Research Journal. 2023;14(3):572. <http://dx.doi.org/10.12680/balneo.2023.572> ; <https://bioclima.ro/Balneo572.pdf>

2. Costache AD, **Ignat BE**, Grosu C, Mastaleru A, Abdulan I, Oancea A, Roca M, Leon MM, Badescu MC, Luca S, Jigoranu AR, Chetran A, Mitu O, Costache II, Mitu F. Inflammatory Pathways in Overweight and Obese Persons as a Potential Mechanism for Cognitive Impairment and Earlier Onset Alzheimer's Dementia in the General Population: A Narrative Review. *Biomedicines*. 2023 Dec 6;11(12):3233. doi: 10.3390/biomedicines11123233. PMID: 38137454; PMCID: PMC10741501. <https://doi.org/10.3390/biomedicines11123233>; <https://www.mdpi.com/2227-9059/11/12/3233>
3. Patrasc SM, **Ignat EB**, Constantinescu V, Ciubotaru A, Spînu DA, Taga IT, Ivan LC, Miron I, Matei DV, Szalontay AS. Impact of education and employment status on cognitive and physical disability in multiple sclerosis patients. *Balneo and PRM Research Journal*. 2023;14(4):603. <https://bioclima.ro/Balneo603.pdf>; <https://doi.org/10.12680/balneo.2023.603>
4. Matei D, Grigoras C, Trofin D, Constantinescu V, **Ignat B**. Gender differences of heart rate variability in patients with ischemic stroke. *Balneo and PRM Research Journal*. 2024;15(1):665. <http://dx.doi.org/10.12680/balneo.2024.665>; <https://bioclima.ro/Balneo665.pdf>
5. Ciubotaru A, **Ignat EB**, Alexa D, Grosu C, Păvăleanu I, Manole A, Maștaleru A, Leon MM, Matei DV, Azoică D. Influence of Education, Cognition, and Physical Disability on Quality of Life of Romanian Patients with Multiple Sclerosis-A Cohort Study. *Medicina (Kaunas)*. 2024 Feb 25;60(3):386. doi: 10.3390/medicina60030386. PMID: 38541112; PMCID: PMC10971890. <https://doi.org/10.3390/medicina60030386>; <https://www.mdpi.com/1648-9144/60/3/386>
6. Ciubotaru A, Grosu C, Alexa D, Covali R, Maștaleru A, Leon MM, Schreiner TG, Ghiciuc CM, Roman EM, Azoică D, **Ignat EB**. The Faces of "Too Late"-A Surprisingly Progressive Cohort of "Stable" Relapsing Remitting Multiple Sclerosis Patients. *Medicina (Kaunas)*. 2024 Aug 26;60(9):1401. doi: 10.3390/medicina60091401. PMID: 39336442; PMCID: PMC11434352. <https://doi.org/10.3390/medicina60091401>; <https://www.mdpi.com/1648-9144/60/9/1401>
7. Ciubotaru A, Alexa D, Grosu C, Böckels L, Păvăleanu I, Maștaleru A, Leon MM, Covali R, Roman EM, Bistriceanu CE, Ghiciuc CM, Azoică D, **Ignat EB**. Validation of a Set of Clinical Criteria for the Diagnosis of Secondary Progressive Multiple Sclerosis. *Brain Sci*. 2024 Nov 14;14(11):1141. doi: 10.3390/brainsci14111141. PMID: 39595904; PMCID: PMC11591908. <https://doi.org/10.3390/brainsci14111141>; <https://www.mdpi.com/2076-3425/14/11/1141>

Lucrari indexate ISI, coautor:

1. Matei DV, Popescu CD, **Ignat B**, Matei R. Autonomic dysfunction in type 2 diabetes mellitus with and without vascular dementia. *Journal Of The Neurological Sciences*, ISSN 0022-510X, vol 325, nr 1-2, 6-9, 2013; <https://doi.org/10.1016/j.jns.2012.11.001> ; [https://www.jns-journal.com/article/S0022-510X\(12\)00588-6/fulltext](https://www.jns-journal.com/article/S0022-510X(12)00588-6/fulltext)
2. Mirela Cristina L, Matei D, **Ignat B**, Popescu CD. Mirror therapy enhances upper extremity motor recovery in stroke patients. *Acta Neurol Belg*. 2015 Dec;115(4):597-603. doi: 10.1007/s13760-015-0465-5. Epub 2015 Apr 8. <https://doi.org/10.1007/s13760-015-0465-5> ; <https://link.springer.com/article/10.1007/s13760-015-0465-5>
3. Matei D, Constantinescu V, Corciova C, **Ignat B**, Matei R, Popescu CD. Autonomic impairment in patients with migraine. *Eur Rev Med Pharmacol Sci*. 2015 Oct;19(20):3922-7. <https://www.europeanreview.org/article/9679>
4. Constantinescu V., Matei D., Cuciureanu D., Corciova C., **Ignat B.**, Popescu C.D. Cortical modulation of cardiac autonomic activity in ischemic stroke patients. *Acta Neurol Belg* (2016) 116: 473. doi:10.1007/s13760-016-0640-3. <https://doi.org/10.1007/s13760-016-0640-3> ; <https://link.springer.com/article/10.1007/s13760-016-0640-3>
5. Irimia, D. C., Cho, W., Ortner, R., Allison, B. Z., **Ignat, B. E.**, Edlinger, G. and Guger, C. (2017), Brain-Computer Interfaces With Multi-Sensory Feedback for Stroke Rehabilitation: A Case Study. *Artificial Organs*, 41: E178–E184. <https://doi.org/10.1111/aor.13054> ; <https://onlinelibrary.wiley.com/doi/10.1111/aor.13054>
6. Constantinescu V, Matei D, **Ignat B**, Hodorog D, Cuciureanu DI. Heart Rate Variability Analysis: A Useful Tool to Assess Poststroke Cardiac Dysautonomia. *Neurologist*. 2020 May;25(3):49-54. PMID: 32358461. <https://doi.org/10.1097/nrl.0000000000000270> ;

https://journals.lww.com/theneurologist/abstract/2020/05000/heart_rate_variability_analysis_a_useful_tool_to.2.aspx

7. Tudorancea IM, Ciorpac M, Stanciu GD, Caratașu C, Săcărescu A, **Ignat B**, Burlui A, Rezuș E, Creangă I, Alexa-Stratulat T, Tudorancea I, Tamba BI. The Therapeutic Potential of the Endocannabinoid System in Age-Related Diseases. *Biomedicines*. 2022 Oct 6;10(10):2492. doi: 10.3390/biomedicines10102492. PMID: 36289755; PMCID: PMC9599275. <https://doi.org/10.3390/biomedicines10102492> ; <https://www.mdpi.com/2227-9059/10/10/2492>
8. Antal DC, Schreiner TG, Crihan TE, **Ignat BE**, San Antonio-Arce V, Cuciureanu ID. Seizures and multiple sclerosis-more than an epidemiological association (Review). *Exp Ther Med*. 2022 Sep 23;24(5):689. doi: 10.3892/etm.2022.11625. PMID: 36277158; PMCID: PMC9535632. <https://doi.org/10.3892/etm.2022.11625> ; <https://www.spandidos-publications.com/10.3892/etm.2022.11625>
9. Chirap-Mitulschi, IA ; Antoniu, SA; **Ignat, BE**; Alexa, D; Pintilie, L; Boiculese, L. Stroke self-efficacy questionnaire (SSEQ), a reliable measure of disease burden: psychometric validation of the Romanian version. *Balneo and PRM Research Journal*. 2023; 14(4):620. DOI 10.12680/balneo.2023.620 <https://bioclima.ro/Balneo620.pdf>
10. Trofin, D ; Onu, I ; Corciova, C; Onita, C; Trofin, DM; **Ignat, B**; Xhardo, K; Musat, CL; Cristuta, MA; Ciobica, A; Iordan, DA. Assessment of motor function in patients with multiple sclerosis treated with Fampridine using motor-evoked potentials. *Balneo and PRM Research Journal*. 2023;14(4):618. DOI 10.12680/balneo.2023.618 <https://bioclima.ro/Balneo618.pdf>
11. Antal DC, Altenmüller DM, Dümpelmann M, Scheiwe C, Reinacher PC, Crihan ET, **Ignat BE**, Cuciureanu ID, Demerath T, Urbach H, Schulze-Bonhage A, Heers M. Semiautomated electric source imaging determines epileptogenicity of encephalocles in temporal lobe epilepsy. *Epilepsia*. 2024 Mar;65(3):651-663. doi: 10.1111/epi.17879. Epub 2024 Jan 23. PMID: 38258618. <https://doi.org/10.1111/epi.17879> ; <https://onlinelibrary.wiley.com/doi/epdf/10.1111/epi.17879>
12. Schreiner TG, **Ignat BE**, Grosu C, Costache AD, Leon MM, Mitu F. Lipid-Derived Biomarkers as Therapeutic Targets for Chronic Coronary Syndrome and Ischemic Stroke: An Updated Narrative Review. *Medicina (Kaunas)*. 2024 Mar 29;60(4):561. PMID: 38674207; PMCID: PMC11052465. <https://doi.org/10.3390/medicina60040561>; <https://www.mdpi.com/1648-9144/60/4/561>
13. Ciubotaru AD, Leferman C-E, Ignat B-E, Knieling A, Salaru DL, Turliuc DM, Foia LG, Dima L, Minea B, Hritcu LD, et al. Anti-Epileptic Activity of Mitocurcumin in a Zebrafish–Pentylentetrazole (PTZ) Epilepsy Model. *Pharmaceuticals*. 2024; 17(12):1611. <https://doi.org/10.3390/ph17121611> ; <https://www.mdpi.com/1424-8247/17/12/1611>
14. Piseru EA, Piseru T, Ignat EB, Grosu C, Cretu RA. Poststroke Spasticity: Pathophysiology and Management. An Accurate Evaluation of Spasticity. *Balneo and PRM Research Journal* 2024, 15, 2 <https://doi.org/10.12680/balneo.2024.713> <https://bioclima.ro/Balneo713.pdf>

Lucrari publicate in reviste indexate in BDI:

7. **Ignat B**, Duca A, Bohotin V, Poboroniuc M, Popescu CD. The effect of a short functional stimulation training programme on gait parameters in chronic stroke survivors. *Ro J Neurol*. 2010;9(1). <http://dx.doi.org/10.37897/RJN.2010.1.4> ; https://rjn.com.ro/articles/2010.1/RJN_2010_1_Art-04.pdf
8. **Ignat EB**, Bohotin V, Dobrin R, Chirita R, Poboroniuc M, Popescu CD. The Effect Of Functional Electrical Stimulation On Cortical Excitability And Clinical Parameters Of Gait In Chronic Stroke Survivors. *Buletin de Psihiatrie Integrativa* nr 2/2011 (49), ISSN 973-9375-08-1; <http://www.buletindepsihiatrie.ro/Articol.aspx?id=190>
9. Baltag D, Graur M, **Ignat B**, Lupu S, Rolul potențialelor evocate vizuale în studiul neuropatiei diabetice de nerv optic, *Jurnalul Român de Diabet, Nutriție și Boli Metabolice*, vol 9, nr.2, 2002 1583-8609
10. Baltag D, Popescu CD, **Ignat B**, Andronic S: Rolul potențialelor evocate vizuale și auditive în definirea tabloului lezional din scleroza multiplă, *Revista Română de Neurologie*, vol II, nr.1, 2003
11. Baltag D, **Ignat B**, Manole O, Efectele secundare ale tratamentului cronic cu preparate de levodopa în boala Parkinson, *Rev. Med. Chir. Soc. Med. Nat.*, vol 107, nr.1, 2003; <https://www.revmedchir.ro/index.php/revmedchir/issue/view/75/58>

12. Popescu CD, **Ignat B**, Popescu Raluca Maria, Neuropatia diabetică, Revista Română de Neurologie, Vol. 2, nr. 2, 2003. https://view.publitas.com/amph/rjn_2003_2_art-10
13. Popescu CD, Poboroniuc M, **Ignat B**, Joacabine C, Popescu D. Utilizarea stimulării electrice funcționale în recuperarea bolilor neurologice. British Medical Journal – Editia in limba română, 2004, vol 11, nr.5, 249-253
14. Baltag D, Popescu CD, Boiculese L, **Ignat B**, Grigore I, Huzum V, Mătășaru L, Cosmulescu M, Alexa L. Rolul potențialelor evocate auditive în aprecierea evoluției pacienților cu scleroză multiplă aflați sub tratament imunomodulator. Ro J Neurol. 2006;5(4). <https://doi.org/10.37897/RJN.2006.4.3> ; https://rjn.com.ro/articles/2006.4/RJN_2006_4_Art-03.pdf
15. Baltag D, Popescu CD, Boiculese L, **Ignat B**, Grigore I, Huzum V, Mătășaru L, Cosmulescu M, Alexa L. Rolul potențialelor evocate vizuale în aprecierea evoluției pacienților cu scleroză multiplă aflați sub tratament imunomodulator. Ro J Neurol. 2006;5(4). <https://doi.org/10.37897/RJN.2006.4.4> ; https://rjn.com.ro/articles/2006.4/RJN_2006_4_Art-04.pdf
16. Popescu CD, Bohotin V, Cosmulescu M, **Ignat EB**. Oligoelements of the cerebral arterial wall and modification of the concentrations in connection with age. Ro J Neurol. 2007;6(3). <https://doi.org/10.37897/RJN.2007.3.5> ; https://rjn.com.ro/articles/2007.3/RJN_2007_3_Art-05.pdf
17. Alexa D, Alexa L, Popa L, Paduraru DN, **Ignat B**, Constantinescu A, Baltag D, Rotar A, Popescu CD. Brainstem auditory evoked potentials in Parkinson's disease. Ro J Neurol. 2013;12(4), 198-201; <http://dx.doi.org/10.37897/RJN.2013.4.7> ; https://rjn.com.ro/articles/2013.4/RJN_2013_4_Art-07.pdf
18. Alexa D, Constantinescu A, Baltag D, **Ignat B**, Bolbocean O, Popescu CD. Parkinson's disease and carotid intima-media thickness. Rev Med Chir Soc Med Nat Iasi. 2014 Jan-Mar;118(1):52-6. <https://www.revmedchir.ro/index.php/revmedchir/issue/archive/9>
19. Popescu CD, Trofin D, Trofin D, Alexa D, Dobrin R, **Ignat B**, Buraga I, Matei D. Socio-Economic Issues In Alzheimer's Disease. Resilience And Alzheimer's Disease Caregivers. Ro J Neurol. 2014;13(4). <https://doi.org/10.37897/RJN.2014.4.2> ; https://rjn.com.ro/articles/2014.4/RJN_2014_4_Art-02.pdf
20. Stamate IG, Alexa D, **Ignat B**, Popescu CD. Ankylosing Spondylitis And Multiple Sclerosis: A Surprising Parallel. Ro J Neurol. 2014;13(3); <http://dx.doi.org/10.37897/RJN.2014.3.1> ; https://rjn.com.ro/articles/2014.3/RJN_2014_3_Art-01.pdf
21. Popescu CD, Trofin D, Bolbocean O, **Ignat B**, Trofin DM. Is There a Link Between a Low Level of Vitamin D And Multiple Sclerosis? Ro J Neurol. 2015;14(1). <http://dx.doi.org/10.37897/RJN.2015.1.3> ; https://rjn.com.ro/articles/2015.1/RJN_2015_1_Art-03.pdf
22. Grigoras AV, **Ignat B**, Poboroniuc M, Popescu D, Popescu CD. State of the Art and Efficiency of Robotic Therapy in Upper Limb Rehabilitation. Romanian Journal of Neurology 14 (4), 175. <http://dx.doi.org/10.37897/RJN.2015.4.1> ; https://rjn.com.ro/articles/2015.4/RJN_2015_4_Art-01.pdf;
23. Grigoras AV, Matei D, **Ignat B**. Non-Immersive Virtual Reality for Upper Limb Rehabilitation in Stroke Survivors - A Feasibility Study. Balneo Research Journal. 9. 232-239. 10.12680/balneo.2018.187. <http://dx.doi.org/10.12680/balneo.2018.187> ; <https://bioclima.ro/Balneo187.pdf>
24. Matei D, Corciova C, **Ignat B**, Matei R. Transcranial magnetic stimulation in stroke rehabilitation. Balneo Research Journal. 9. 264-269. <http://dx.doi.org/10.12680/balneo.2018.193>; <https://bioclima.ro/Balneo193.pdf>
25. Irimia DC, Ortner R, MS Poboroniuc MS, **Ignat BE**, Guger C. High classification accuracy of a motor imagery based brain-computer interface for stroke rehabilitation training. Frontiers in Robotics and AI 5, 130; <https://doi.org/10.3389/frobt.2018.00130> ; <https://www.frontiersin.org/journals/robotics-and-ai/articles/10.3389/frobt.2018.00130/full>
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29. Gatcan C, Schreiner TG, Sapira V, Grosu C, **Ignat BE**. Hymenoptera sting as atypical causative factor for Guillain Barré Syndrome and chronic inflammatory demyelinating polyneuropathy – A case report and insights on pathophysiology. *Ro J Neurol.* 2023; 22(4); <http://dx.doi.org/10.37897/RJN.2023.4.4> ; https://rjn.com.ro/articles/2023.4/RJN_2023_4_Art-04.pdf

Lucrari publicate in volumele unor conferinte indexate BDI:

1. Matei D, Corciova C, Matei R, **Ignat B**, Bolbocean O, Alexa D, Popescu C D. Nerve conduction studies in peripheral arterial disease With and without type 2 diabetes mellitus. 2013E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2013, pp.1-4. ISBN: 978-1-4799-2373-1 (in extenso). <http://dx.doi.org/10.1109/EHB.2013.6707331>; <https://ieeexplore.ieee.org/document/6707331>
2. Bolbocean O, **Ignat B**, Grosu C, Matei D, Popescu D, Popescu CD. Modifications of electrophysiological parameters in patients with multiple sclerosis. 2013E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2013, vol., no., pp.1-4, ISBN: 978-1-4799-2373-1(in extenso); <http://dx.doi.org/10.1109/EHB.2013.6707328>; <https://ieeexplore.ieee.org/document/6707328>
3. Irimia DC, Poboroniuc MS, Hartopan S, Sticea D, Paicu G, **Ignat BE**. Post-stroke hand rehabilitation using a hybrid FES-robotic glove. *2016 International Conference and Exposition on Electrical and Power Engineering (EPE)*, Iasi, Romania, 2016, pp. 356-359, doi: 10.1109/ICEPE.2016.7781362; Electronic ISBN: 978-1-5090-6129-7. <https://doi.org/10.1109/ICEPE.2016.7781362>; <https://ieeexplore.ieee.org/document/7781362>
4. Poboroniuc MS, Irimia DC, Poboroniuc IC, Curteza A, Macovei L, Cretu V, **Ignat EB**, Buzdugan M. Manufacturing and clinically testing embedded electrodes in knitted textiles for neurorehabilitation. *2017 International Conference on Electromechanical and Power Systems (SIELMEN)*, Iasi, Romania, 2017, pp.068–073; <https://doi.org/10.1109/SIELMEN.2017.8123294>; <https://ieeexplore.ieee.org/document/8123294>
5. Piseru EA, Piseru T, Poboroniuc MS, Ionascu R, Roman AI, **Ignat B**, Grosu C. Clinical Evaluation of a New Mechatronic Glove for Hand Rehabilitation, *2022 E-Health and Bioengineering Conference (EHB)*, Iasi, Romania, 2022, pp. 1-4, <https://doi.org/10.1109/EHB55594.2022.9991540> ; <https://ieeexplore.ieee.org/document/9991540>

Membru in colectivul unor studii clinice internationale – publicatii cu creditare ca si colaborator:

- Studiul REACH (Nota: cautarea pentru „REACH Registry Investigators[Corporate Author]” în PubMed generează 71 publicații)
 - o Eisen A, Bhatt DL, Steg PG, Eagle KA, Goto S, Guo J, Smith SC, Ohman EM, Scirica BM; REACH Registry Investigators. Angina and Future Cardiovascular Events in Stable Patients With Coronary Artery Disease: Insights From the Reduction of Atherothrombosis for Continued Health (REACH) Registry. *J Am Heart Assoc.* 2016 Sep 28;5(10):e004080.. PMID: 27680665; PMCID: PMC5121505. DOI: [10.1161/JAHA.116.004080](https://doi.org/10.1161/JAHA.116.004080); <https://www.ahajournals.org/doi/10.1161/JAHA.116.004080> https://www.ahajournals.org/doi/suppl/10.1161/JAHA.116.004080/suppl_file/jah31767-sup-0001-appendixs1.pdf
 - o Bhatt DL, Steg PG, Ohman EM, Hirsch AT, Ikeda Y, Mas JL, Goto S, Liau CS, Richard AJ, Röther J, Wilson PW; REACH Registry Investigators. International prevalence, recognition, and treatment of cardiovascular risk factors in outpatients with atherothrombosis. *JAMA.* 2006 Jan 11;295(2):180-9.PMID: 16403930. <https://doi.org/10.1001/jama.295.2.180> ; <https://jamanetwork.com/journals/jama/fullarticle/202179>

D. Proiecte de cercetare (se va specifica titlul proiectului, Directorul, anul și suma finanțată)

Membru in colectivul de cercetare:

1. „Tehnici de control ale protezelor bazate pe stimulare electrica functionala a muschilor in recuperarea mersului pacientilor cu handicap neuromotor datorat unei afectiuni a sistemului nervos central” – grant CNCIS no.544/2004 (în colaborare cu Universitatea Tehnică “Gh. Asachi” Iași).
2. “Sisteme incorporate tip neuroproteză pentru recuperarea persoanelor cu handicap neuromotor” – Acronim SINPHA; Program 4 - Parteneriat în domeniile prioritare – Domeniul 1: Tehnologia informatiei si comunicarii; Nr. D11- 068 /18.09.2007 (2007-2010) - director de proiect - Conf.dr.ing. Marian Poboroniuc – valoare: 1.701.852 RON - **membru în colectivul de cercetare partener P3 – SREC (Spitalul Clinic de Recuperare);** <http://sinpha.ee.tuiasi.ro>
3. “Sisteme inteligente pentru monitorizarea la distanță a proceselor de recuperare bazate pe stimulare electrică funcțională” – Acronim ARMS –Program 4 - Parteneriat în domeniile prioritare - Domeniul 7: PND II D71 - 095/2007 (2007-2010) - director de proiect - Conf.dr.ing. Marian Poboroniuc – valoare: 1.428.910 RON - **membru în colectivul de cercetare partener P2 – SREC (Spitalul Clinic de Recuperare)** <http://www.arms-tex.ro/>
4. “A hybrid FES-EXOSKELETON system to rehabilitate the upper limb in disabled people” – Acronim EXOSLIM; cod PN-II-PCCA-2011-3.2-1109 - Parteneriate in domenii prioritare – competitia 2011; Domeniu 7: Materiale, procese și produse inovative (2012-2015) - director de proiect - Prof.dr.ing. Radu Olaru – valoare: 3.243.300 RON - **membru în colectivul de cercetare partener P2 – SREC (Spitalul Clinic de Recuperare);** <http://www.exoslim.tuiasi.ro/>
5. “An intelligent haptic robot glove for the patients suffering a cerebrovascular accident” – Acronim IHRG. Contract nr. 150/2012, Program Parteneriate - Competitia 2011 – Domeniu 7- Materiale, procese și produse inovative/Tehnologii si produse mecanice de inalta precizie 7.3 (2012-2016) - director de proiect – Popescu Nirvana – valoare: 1.950.000 RON - **membru în colectivul de cercetare partener P3 – SREC (Spitalul Clinic de Recuperare);** <http://www.ihrig.tuiasi.ro/index.php/en/>
6. „Materiale textile inovative cu electrozi încorporați pentru recuperarea prin stimulare electrică funcționala a persoanelor cu dizabilități neuromotorii” (Innovative garments with embedded electrodes for functional electrical stimulation based rehabilitation) (NOVAFES). UEFISCDI PNII: Parteneriate in domenii prioritare (competitia 2013), Aria tematica 7.1.6 Materiale si biomateriale avansate pentru cresterea calitatii vietii **NOVAFES, no.267/2014,** , UEFISCDI-Romania, 2014-2016, Director: Marian Silviu Poboroniuc – valoare 1.235.650 RON – **membru în colectivul de cercetare partener P1 – Spitalul clinic de Recuperare Iasi;** <http://www.novafes.tuiasi.ro>
7. Grant intern UMF Iasi nr 29241/20.03.2013 - Studiul modificărilor hemodinamice și neurofiziologice la pacienti cu boala Alzheimer, demență vasculară si demență mixtă, 5000E. Director de proiect Daniela Viorelia Matei (membru in echipa de cercetare)

Responsabil de proiect pentru una dintre organizațiile partenere:

8. “Mănuși mecatronice textile inteligente pentru recuperarea mâinii la persoanele cu accident vascular cerebral” proiect MANUTEX nr. 25 PTE/2020 (cod proiect PN III-P2-2.1-PTE-2019-0136) (2020-2022) (proiect de transfer de la operatorul economic)- director de proiect Marcela Radu – valoare 1.463.644 RON – **responsabil proiect partener P2 Spitalul Clinic de Recuperare Iasi;** <https://magsx.ro/docs/manutex/prezentare.html>

E. Premii:

Investigator Award 2014 – Neurorehabilitation from the European Academy of Neurology for the presentation “**The effect of functional electrical stimulation on gait parameters in stroke survivors**” (presented at the joint congress of the EFNS and ENS, Istanbul 2014)

Abstract published in a supplement of the European Journal of Neurology as:

- **Ignat EB**, Matei D, Alexa D, Bolbocean O, Grosu C, Popescu CD. The effect of functional electrical stimulation on gait parameters in stroke survivors. EUROPEAN JOURNAL OF NEUROLOGY. Volume 21 Page 237-237 Supplement 1 Special Issue SI Meeting Abstract EP2252

F. Membru in colectivul unor studii clinice multicentrice internationale/naționale

Studii internationale subinvestigator:

- Reach Registry – Reduction Of Atherothrombosis For Continued Health , 2003 – 2006, Sanofi Synthelabo, subinvestigator
- GA/9007 – A multicenter, randomized, double-blind, double-dummy, parallel group study assessing the add-on effect over glatiramer acetate (GA) of Alfalcidol or Simvastatin in relapsing-remitting multiple sclerosis (RR-MS) subjects treated with GA, 2004-2006, TEVA, subinvestigator
- PERFORM - Prevention of cerebrovascular and cardiovascular Events of ischaemic origin with teRutroban in patients with a history of ischaemic stroke or tRansient ischaeMic attack: a randomised, double-blind, parallel-group trial, 2006-2010, Institut de Recherches Internationales Servier, subinvestigator
- GA-MS-302 An Efficacy, Safety and Tolerability Study of Glatiramer Acetate (GA) 20 mg/0.5 ml New Formulation Administered Daily by Subcutaneous (SC) Injection in Subjects With Relapsing-Remitting Multiple Sclerosis (RRMS) (GLOW) site 52014 , TEVA, subinvestigator
- GA9016 FORTE– A Phase 3 Multinational, Multicenter, Randomized, Parallel-Group, Double-Blind Study to Compare the Efficacy, Tolerability and Safety of Glatiramer Acetate Injection 40 mg/ml to That of Glatiramer Acetate Injection 20 mg/ml Administered Once Daily by Subcutaneous Injection in Subjects With Relapsing Remitting (R-R) Multiple Sclerosis (MS) 2006-2008 TEVA, subinvestigator
- MS-GA-301 GALA - A multinational, multicenter, randomized, parallel-group study performed in subjects with Relapsing-Remitting Multiple Sclerosis (RRMS) to assess the efficacy, safety and tolerability of Glatiramer Acetate (GA) injection 40 mg administered three times a week compared to placebo in a double-blind design; 2015- 2017 TEVA, subinvestigator
- CFTY720D2301 – A 24-month, double-blind, randomized, multicenter, placebo-controlled, parallel- group study comparing efficacy and safety of FTY720 1,25 and 0,5 mg administrated orally once daily versus placebo in patients with relapsing-remitting multiple sclerosis, phase III, NOVARTIS, 2007-2009, subinvestigator
- CFTY720D2301E1 – extensie CFTY720D2301- A 24-month, double-blind, randomized, multicenter, placebo-controlled, parallel- group study comparing efficacy and safety of FTY720 1,25 and 0,5 mg administrated orally once daily versus placebo in patients with relapsing-remitting multiple sclerosis, phase III - Sponsor: NOVARTIS, 2009-2011, subinvestigator
- MS LAQ 302 BRAVO - A Phase 3 A Multinational, Multicenter, Open-label, Single-assignment Extension of the MS-LAQ-302 (BRAVO) Study, to Evaluate the Long-term Safety, Tolerability and Effect on Disease Course of Daily Oral Laquinimod 0.6 mg in Subjects With Relapsing Multiple Sclerosis (SI) site 5216, 2008-2010, TEVA, subinvestigator
- 105MS301 ADVANCE – A multicenter, Randomized, Double-Blind, Parallel-Group, Placebo-controlled Study to Evaluate the Efficacy and Safety of PEGylated Interferon Beta-1a (BIIB017) in Subjects with Relapsing Multiple Sclerosis” – A Phase III Clinical Trial, 2009-2012, Biogen, subinvestigator
- LAQ-MS-305 CONCERTO – “A multinational, multicenter, randomized, double-blind, parallel-group, placebo-controlled study followed by an active treatment period, to evaluate the efficacy, safety and tolerability of two doses of oral administration of laquinimod (0,6 mg/day or 1,2 mg/day) in subjects with relapsing remitting multiple sclerosis (RRMS)”- rol examining, Investigator Meeting Munich, Germany, February 19, site 52042, 2013 –2017, subinvestigator
- IPX066B0805 - An Open-Label Extension Study of the Safety and Clinical Utility of IPX066 in Subjects with Parkinson's Disease . site 226, 2008-2011, IMPAX PHARMACEUTICALS , subinvestigator
- AB07002 - A 96 Week, Prospective, Multicentre, Randomized, Double-blind, Placebo-controlled, 2 Parallel-groups, Phase 3 Study to Compare Efficacy and Safety of Masitinib 6 mg/kg/Day Versus Placebo in the Treatment of Patients With Primary Progressive or Relapse-free Secondary Progressive Multiple Sclerosis, site 040-012, 2011-2013, AB Science, subinvestigator
- 205MS301 DECIDE - A 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-Relmitting Multiple Sclerosis” – protocol site 677 2008-2013, Biogen, subinvestigator

- EBE-RO-061215 - Cerebrolysin and Recovery After Stroke (CARS): A Randomized, Placebo-Controlled, Double-Blind, Multicenter Trial, 2008-2010, EVER Neuro Pharma GmbH, subinvestigator

Studii nationale subinvestigator

- EMR 200136_583 PROCEED- Prospective Phase IV Clinical trial on effectiveness of Rebif treatment of CIS and RMS patients in Romania using electronic device Rebismart, 2014-2016, Merck Romania, subinvestigator

Studii internationale investigator principal:

1. MS_LAQ 302E BRAVO Extensie - A multinational, multicenter, open-label, single-assignment extension of the MS-LAQ302 (BRAVO) study, to evaluate the long-term safety, tolerability and effect on disease course of daily oral laquinimod 0.6 mg in subjects with relapsing multiple sclerosis, site 5216, 2010-2017, investigator principal
2. 205 MS 303 EXTEND - A Multicenter, open label, Extension Study to Evaluate the Long-Term Safety and efficacy of BIIB019, Daclizumab High Yield Process (DAC HYP) Monotherapy in Subjects with Multiple Sclerosis Who Have Completed Study 205MS301 – inv principal 2013-2018, Biogen, investigator principal