

## INFORMAȚII PERSONALE

## MATEI DANIELA VIORELIA

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Sexul Feminin | Data nașterii 25/11/1967 | Naționalitatea Romana

LOCUL DE MUNCĂ  
POZIȚIA

Facultatea de Bioinginerie Medicală  
Universitatea de Medicină și Farmacie "Grigore T. Popa" Iași.  
Profesor

## EXPERIENȚA PROFESIONALĂ

2024- Prezent	Profesor Facultatea de Bioinginerie Medicală, 9–13 Kogalniceanu Street, 700454, Iași, Romania
2020 – 2024	Conferentiar Facultatea de Bioinginerie Medicală, 9–13 Kogalniceanu Street, 700454, Iași, Romania
2013 – 2020	Șef lucrări Facultatea de Bioinginerie Medicală, 9–13 Kogalniceanu Street, 700454, Iași, Romania
1999 – 2013	Asistent universitar Facultatea de Bioinginerie Medicală, 9–13 Kogalniceanu Street, 700454, Iași, Romania
1998 – 1999	Preparator universitar Facultatea de Bioinginerie Medicală, 9–13 Kogalniceanu Street, 700454, Iași, Romania Activități didactice și de cercetare universitare.

## EDUCAȚIE ȘI FORMARE

2023-	Obținerea atestatului de abilitare cu teza: ASSESSMENT OF CARDIAC AUTONOMIC CONTROL BY LINEAR AND NONLINEAR ANALYSES OF THE HEART RATE
2012	Școala de vară de neuroelectrofiziologie, secțiunea EEG Romanian Society of Electrodiagnostic Neurophysiology

- 2003-2009 Doctor în medicină  
Titlul tezei - Valoarea monitorizării reactivității microvasculare, cardiorespiratorii și neuromotorii în diabetul zaharat tip II  
Universitatea de Medicină și Farmacie “Grigore T. Popa” Iași.
- 2007-2009 Competență în homeopatie  
Societatea Română de homeopatie
- 2006-2007 Managementul instituțiilor publice (2 semestre)  
Universitatea de Medicină și Farmacie “Grigore T. Popa” Iași.
- 2006 Stimularea electrică funcțională în recuperarea bolnavului neurologic  
Department of Medical Physics & Biomedical Engineering, Salisbury, U.K
- 2005 Tehnici moderne de electrodiagnostic  
Universitatea de Medicină și Farmacie “Grigore T. Popa” Iași.
- 2004 Tehnici de monitorizare a parametrilor cardio-respiratori în condiții de efort și somn  
Universitatea de Medicină și Farmacie “Grigore T. Popa” Iași
- 2002 Electrocardiografia în practica medicală  
Universitatea de Medicină și Farmacie “Grigore T. Popa” Iași
- 1995-1998 Medic specialist Medicina de familie  
Universitatea de Medicină și Farmacie “Grigore T. Popa” Iași
- 1988-1994 Doctor medic  
Universitatea de Medicină și Farmacie “Grigore T. Popa” Iași

COMPETENTE PERSONALE

Limba(i) maternă(e) Romana

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	B2	B2	B2	B2	B2
Franceza	B2	B2	B1	B1	B2

Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat  
Cadrul european comun de referință pentru limbi străine

**Competențe de comunicare** ▪ Bune competențe de comunicare dobândite prin experiența proprie de cadru didactic universitar și formator în proiectele în care am fost membru.

**Competențe organizaționale/manageriale**

Competențe de muncă în echipă dobândite ca membru în echipe de cercetare, de organizare de activități didactice și științifice.

Competențe de leader, ca director de proiect.

Competențe de comunicare dobândite în urma experienței didactice, de raportare a rezultatelor cercetărilor, ca membru în comisii și comitete științifice la manifestări naționale.

Leadership : Manager de Proiect Grant Intern Universitatea de Medicina si Farmacie "Grigore T. Popa" Iasi „ Studiul modificărilor hemodinamice și neurofiziologice la pacienți cu boală Alzheimer, demență vasculară și demență mixtă”

Director Departament Științe Biomedicale, Facultatea de Bioinginerie Medicală, Universitatea de Medicină și Farmacie “Grigore T. Popa” Iași din anul 2016.

**Competențe dobândite la locul de muncă**

Scrieți competențele dobândite la locul de muncă și care nu au fost menționate anterior. Specificați contextul în care au fost acestea dobândite.

- Autor de materiale didactice: cărți, lucrări științifice, programe analitice, caiete de lucrări practice.
- Curs și lucrări practice la disciplinele: Tehnici de explorare paraclinică funcțională, Metode de evaluare și explorare în balneokinetoterapie, Ergofiziologie, Fiziologie
- Îndrumarea unor lucrări de licență
- Îndrumarea unor lucrări științifice ale studenților, prezentate la sesiuni științifice naționale.
- Membru în comisia profesională de admitere și de licență
- Membru al Societății Române de Bioinginerie Medicală
- Membru al Colegiului Medicilor si Farmaciștilor Iași
- Abilitatea de a aplica cunoștințe din domeniul medical și biomedical pentru a găsi soluții la problemele bioingineriei și ale medicinei.
- Abilitatea de a utiliza tehnologia biomedicală în domeniul sanitar
- Capacitatea de a lucra în echipe multi-disciplinare precum și coordonarea acestora;
- Asumarea responsabilității profesionale și respectarea eticii biomedicale;
- Abilități de comunicare;
- Înțelegerea problematicii contemporane și a importanței învățării pe toată durata vieții.

**Competență digitală**

**AUTOEVALUARE**

Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
UTILIZATOR EXPERIMENTAT	UTILIZATOR EXPERIMENTAT	UTILIZATOR EXPERIMENTAT	UTILIZATOR EXPERIMENTAT	UTILIZATOR EXPERIMENTAT

Niveluri: Utilizator elementar - Utilizator independent - Utilizator experimentat  
 Competențele digitale - Grilă de auto-evaluare

Scrieți alte competențele informatice.

- Lucru pe PC: Windows, MS Office, navigare Internet.
- Cunoștințe programare : Matlab , LabView
- Cunoștințe de editare foto, dobândite ca fotograf amator

**Alte competențe**

- Abilitatea de a utiliza și optimiza utilizarea tehnologiei biomedicale în unitățile sanitare.
- Abilitatea de a concepe și coordona experimente în domeniul biomedical precum și capacitatea de a analiza și interpreta datele obținute.

**Permis de conducere**

Permis de conducere categoria B din 1993

## INFORMATII SUPLIMENTARE

### Proiecte cercetare

1. Grant intern de cercetare No. 29241/ 20.12.2013. Studiul modificărilor hemodinamice și neurofiziologice la pacienți cu boală Alzheimer, demență vasculară și demență mixtă- Director de proiect
2. Grant of Romanian Academy (GAR): “Nonlinear Analysis Methods for Pattern Recognition in Polysomnography Recordings for Patients With Sleep Respiratory Disorders and Cardiovascular Risk“ (Director: Lect. Grigoraș Carmen Liliana – contract nr. 295, 2008-2009, 14.000 RON.
3. “Investigation, Assistance and Control System for Neurological Disorders, Based on BCISIS Brain- Computer Interface“ – contract nr. 12115/01.10.2000 – (Director: Conf. Dr. ing. Lazăr Anca Mihaela), 2008 – 2011, 715.000 RON
4. Implantable Magnetic Microsensors For Medical Applications” – MEDISENS – contract- 12110 /2008 – (Director: Prof. dr. Iacob Gheorghe, 2008-201, 250.000 RON)
5. Grant intern de cercetare 17084/30.09.2010: “Analiza unor parametri hemodinamici utilizând pletismografia de impedanță electrică” (Director: asist. univ. dr. Corciovă Călin
6. Proiect POCU POCU/90/6.13/6.14/108943 Titlul proiectului: Facilitarea tranziției de la educație la piața muncii în domeniul sănătății – balneofiziokinetoterapie - responsabil stagii de practică
7. Proiect FDI-6 - ”Susținerea cercetării de excelență prin dezvoltarea tehnologiilor medicale și biotehnologiilor (FizioBiotech)”Proiect cofinanțat din Fondul de Dezvoltare Instituțională 2020 Domeniul 6: Susținerea cercetării de excelență din universități- membru echipa
8. Proiect ROSE “Sprijin pentru studenții din anul I de la Facultatea de Bioinginerie Medicală aflați în risc de abandon școlar, pentru îmbunătățirea performanțelor academice” – BioRemedis Acord de grant nr. 359/SGU/SS/III din 10.09.2020

### Cărți și capitole în cărți

1. Topoliceanu F, Stratone A, Zaharia D, Ciorap R, Ciofea R, Corciovă C, **Matei D.** A Practical Guide of Paraclinical Function Testing – Handbook for Foreign Students, Editura PIM, 2006, ISBN 973-716-316-8; 254 pagini
2. Topoliceanu F, Stratone A, Zaharia D, Ciorap R, Ciofea R, Corciovă C, **Matei D.** Aplicații computerizate în explorarea paraclinică, Editura PIM, 2006, ISBN 973-716-318-4; 237 pagini.
3. Popescu CD, Constantinescu A, Ignat EB, **Matei D.**, Alexa D, Bolboceanu O, Grosu C, Popescu D. Neurology for medical students. Second edition. Eds CD Popescu. Editura “Grigore T Popa” UMF Iasi, ISBN: 978-606-544-288-7, 2015, 317 pagini.
4. Serban LI, Sava A, Stan C, Oprisa C, **Matei D.**, Maranduca M. Anatomia și fiziologia omului. Teste admitere 2017. Editura “Grigore T Popa” UMF Iasi. ISBN 978-606-544-440-9, 100 pagini.
5. Serban LI, Hurjui L, **Matei D.**, Oprisa C, Tarniceriu C- Anatomia și fiziologia omului. Teste admitere 2018. Editura “Grigore T Popa” UMF Iasi. ISBN 978-606-544-524-6, 142 pagini.
6. Matei R, **Matei D.** – “Analytical Design of Two-Dimensional Filters and Applications in Biomedical Image Processing”, chapter in the book "Digital Filters and Signal Processing", edited by Fausto

- Pedro García Márquez, IN-TECH Open Access Publisher, Vienna, Austria, 2012, ISBN: 980-953-307-645-9. [www.intechweb.org](http://www.intechweb.org)  
<https://www.intechopen.com/search?term=Digital%20Filters%20and%20Signal%20Processing>
7. Cristian Dinu Popescu, Dan Trofin, Daniela Trofin, Bogdan Ignat and **Daniela Matei**. New Aspects of Therapeutic Management in Alzheimer's Disease. In: *Frontiers in Clinical Drug Research – Alzheimer Disorders*. Atta-ur-Rahman (Ed). Bentham Science Publishers, Vol. 3, 2014, p 3-99, ISBN: 978-1-68108-069-7, DOI: 10.2174/97816810806801150301.  
<https://www.eurekaselect.com/131845/volume/3>
  8. Andreia Corciova, **Daniela Matei**, Calin Corciova and Bianca Ivănescu. Natural Compounds from Plants Targeting Alzheimer's Disease. In: *Frontiers in Clinical Drug Research - Alzheimer Disorders*. Atta-ur-Rahman (Ed). Bentham Science Publishers, Vol. 5, 2016, p 214-302. **ISBN**: 978-1-68108-232-5. DOI: 10.2174/97816810823181160501.  
<http://www.eurekaselect.com/143961>
  9. Cuciureanu I.D., Constantinescu I., Constantinescu V., **Matei D**. Triggering early neuroplasticity mechanisms: new perspectives in ischemic stroke management. *Avid Science* [cfbc.ebooks@avidsciences.com](mailto:cfbc.ebooks@avidsciences.com),  
<https://avidscience.com/book/ischemic-stroke/>
  10. **Dan** Cuciureanu, Irina Constantinescu, Victor Constantinescu, Calin Corciova, **Daniela Matei**. Primary headaches and their relationship with the autonomic nervous system. In *Tech 2017-04-12. Medicine » "Current Perspectives on Less-known Aspects of Headache"*, book edited by Hande Turker, ISBN 978-953-51-3076-5, Print ISBN 978-953-51-3075-8.  
<https://www.intechopen.com/search?term=Current%20Perspectives%20on%20Less-known%20Aspects%20of%20Headache>
  11. Serban LI, Hurjui L, Matei D, Oprisa C, Tarniceriu C- Anatomia si fiziologia omului. Teste admitere 2020. Editura "Grigore T Popa" UMF Iasi.
  12. Serban LI, Hurjui L, Matei D, Oprisa C, Tarniceriu C- Anatomia si fiziologia omului. Teste admitere 2021. Editura "Grigore T Popa" UMF Iasi
  13. Serban LI, Hurjui L, Matei D, Oprisa C, Tarniceriu C- Anatomia si fiziologia omului. Teste admitere 2022. Editura "Grigore T Popa" UMF Iasi.
  14. Sardaru D, Onu I, Matei D. Evaluarea amplitudinilor articulare. Editura Gr T Popa Iasi, 2021. ISBN-978-606-544-745-5, 245 pagini.

#### Articole in extenso, publicate în reviste din fluxul științific principal:

##### Articole ISI cotate si indexate

1. **Daniela Matei**, Bogdan Ignat, Cristian Dinu Popescu – “Autonomic dysfunction in type 2 diabetes mellitus with and without vascular dementia”, *The Journal of Neurological Sciences*, Volume 325, issues 1-2, 15 February 2013, pages 6-9. DOI: 10.1016/j.jns.2012.11.001. **IF2.474**.  
<https://www.ncbi.nlm.nih.gov/pubmed/23218584>
2. **D. Matei**, V. Constantinescu, C. Corciova, B. Ignat, R. Matei, CD.Popescu. Autonomic impairment in patients with migraine. *European Review for Medical and Pharmacological Sciences* 2015; 19:3922- 3927. **IF 1.575**  
<https://www.europeanreview.org/wp/wp-content/uploads/3922-3927.pdf>
3. Mirela Cristina L, **Matei D**, Ignat B, Popescu CD. Mirror therapy enhances upper extremity motor recovery in stroke patients. *Acta Neurol Belg*. 2015, Volume 115, Issue 4, pp597-603. doi10.1007/s13760-015-0465-5. **IF 1.495**.  
<https://link.springer.com/article/10.1007%2Fs13760-015-0465-5>

4. Victor Constantinescu, **Daniela Matei**, Dan Cuciureanu, Calin Corciova, Bogdan Ignat & Cristian Dinu Popescu. Cortical modulation of cardiac autonomic activity in ischemic stroke patients. *Acta Neurol Belg.*, 2016; 116:473-480. doi 10.1007/s13760-016-0640-3. **IF 1.722**  
<https://www.ncbi.nlm.nih.gov/pubmed/27097606>
5. Sardaru, Dragos Petrica; **Matei, Daniela**; Zaharia-Kezdi, Dan; et al. Effects of biofeedback versus switch-triggered functional electrical stimulation on sciatica-related foot drop. *Journal of Back and Musculoskeletal Rehabilitation*, 2018; 31(2): 239-245. doi: 10.3233/BMR-169578. **IF 0.814**  
<https://www.ncbi.nlm.nih.gov/pubmed/28946515>
6. Constantinescu, V.; **Matei, D.**; Costache, V.; et al. Linear and nonlinear parameters of heart rate variability in ischemic stroke patients. *Neurologia i Neurochirurgia Polska*, 2018; 52(2): 194-206. doi: 10.1016/j.pjnns.2017.10.002. **IF=1.006**  
<https://www.ncbi.nlm.nih.gov/pubmed/29110883>
7. Constantinescu V, **Matei D**, Constantinescu I, Cuciureanu DI. Heart Rate Variability and Vagus Nerve Stimulation in Epilepsy. *Transl Neurosci*. 2019;10:223-232. doi: 10.1515/tnsci-2019-0036. eCollection 2019. **IF 1.373**  
<https://www.degruyter.com/view/j/tnsci.2019.10.issue-1/tnsci-2019-0036/tnsci-2019-0036.xml>
8. Victor Constantinescu, Catalina Arsenescu-Georgescu, **Matei Daniela**, Mihaela Moscalu, Calin Corciova, Dan Cuciureanu. Heart rate variability analysis and cardiac dysautonomia in ischemic stroke patients. *Clinical Neurology and Neurosurgery* 186 (2019) 105528, doi: 10.1016/j.clineuro.2019.105528. **IF 1.530**.  
<https://www.sciencedirect.com/science/article/abs/pii/S0303846719303245>
9. Mihalas, Elvina; Serban, Lacramioara Ionela; **Matei, Daniela**; Cascaval, Dan, Galaction, Anca Irina. Changes of oxidative stress caused by physical activity. *Studia Universitatis Babeş-Bolyai Chemia*, 2019; 64(2):35-47. doi:10.24193/subbchem.2019.2.03. **IF 0.494**  
[http://chem.ubbcluj.ro/~studiachemia/issues/chemia2019\\_2T1/03Mihalas\\_35\\_47.pdf](http://chem.ubbcluj.ro/~studiachemia/issues/chemia2019_2T1/03Mihalas_35_47.pdf)
10. Sardaru, D., Boldureanu, D., Andrusac, G., **Matei, D.**, Zaharia-Kezdi, D., Poeta, I. Paralytic Lumbar Disc Herniation. A Four Years Social and Economic Impact Study for North-East Region of Romania. *Revista de Cercetare si Interventie Sociala*, 2017; 57: 67-77. ISSN: 1583-3410. **IF 0.838**  
<https://www.cceol.com/search/article-detail?id=597740>
11. Bogdan Mihail Cobzeanu, Mihail Dan Cobzeanu, Mihaela Moscalu, Octavian Dragos Palade, Luminița Rădulescu, Dragoș Negru, Liliana Gheorghe Moisii, Luiza Maria Cobzeanu, Loredana Beatrice Ungureanu, Patricia Vonica, **Daniela Viorelia Matei**, Daniela Carmen Rusu, Constantin Volovaț and Victor Vlad Costan. Predictive Value of HPV, p53, and p16 in the Post-Treatment Evolution of Malignant Tumors of the Oropharynx and Retromolar Trigone–Oropharynx Junction. *Medicina (Kaunas)*. 2020;56(10):542. doi: 10.3390/medicina56100542. **IF 2.430**.  
<https://pubmed.ncbi.nlm.nih.gov/33076537/>
12. Victor Constantinescu, **Daniela Matei**, Irina Constantinescu, Dan Iulian Cuciureanu. Cardiac autonomic modulation in drug-resistant epilepsy patients after vagus nerve stimulation therapy. *Neurol Neurochir Pol*. 2020;54(4):329-336. doi: 10.5603/PJNNS.a2020.0044. **IF 1.621**  
<https://pubmed.ncbi.nlm.nih.gov/32557527/>
13. Victor Constantinescu, **Daniela Matei**, Bogdan Ignat, Diana Hodorog, Dan I Cuciureanu. Heart Rate Variability Analysis: A Useful Tool to Assess Poststroke Cardiac Dysautonomia. *Neurologist*. 2020;25(3):49-54. doi: 10.1097/NRL.0000000000000270. **IF 1.398**  
<https://pubmed.ncbi.nlm.nih.gov/32358461/>
14. **Matei Daniela**, Carmen Grigoras, Dan Cuciureanu, Victor Constantinescu. The circadian rhythm of arterial blood pressure in Alzheimer's disease and vascular dementia. *Acta Neurol Belg*. 2021. doi: 10.1007/s13760-021-01664-8. **IF 2.471**  
<https://pubmed.ncbi.nlm.nih.gov/34043211/>

15. **Daniela Matei**, Ioana Buculei, Catalina Luca, Calin-Petru Corciova, Doru Andritoi, Robert Fuior, Daniel-Andrei Iordan and Ilie Onu. Impact of Non-Pharmacological Interventions on the Mechanisms of Atherosclerosis. *Int J Mol Sci.* 2022;23(16):9097. doi: 10.3390/ijms23169097. **IF 6.208** <https://pubmed.ncbi.nlm.nih.gov/36012362/>
16. Ilie Onu, Daniel-Andrei Iordan, **Daniela Matei**, Oana-Diana Hrisca-Eva, Ioana Buculei, Anca-Irina Galaction, Ionela Lacramioara Serban, Mona-Elisabeta Dobrin, Ovidiu Popa-Velea, Dan Eugen Costin, George Danut, Mocanu, Andreea-Georgiana Dobre and Robert Gherghel. Impact of Physiotherapy on Patients Suffering from COVID-19: An Observational Study. *Appl. Sci.* 2022, 12(12), 5795. **IF 2.838** <https://www.mdpi.com/2076-3417/12/12/5795/htm>
17. Ilie Onu, **Daniela Matei**, Dragos-Petrica Sardaru, Dan Cascaval, Ana Onu, Robert Gherghel, Ionela Lacramioara Serban, George Danut Mocanu, Daniel Andrei Iordan, Gabriel Murariu and Anca-Irina Galaction. Rehabilitation of Patients with Moderate Knee Osteoarthritis Using Hyaluronic Acid Viscosupplementation and Physiotherapy. *Appl. Sci.* 2022, 12(6), 3165. **IF 2.838** <https://www.mdpi.com/2076-3417/12/6/3165>
18. **Matei Daniela**, Luca Catalina, Onu Ilie , **Matei Paula**, Iordan Daniel-Andrei , **Buculei Ioana**. Effects of Exercise Training on the Autonomic Nervous System with a Focus on Anti-Inflammatory and Antioxidants Effects. *Antioxidants (Basel).* 2022;11(2):350. doi:10.3390/antiox11020350. **IF 7.675** <https://pubmed.ncbi.nlm.nih.gov/35204231/>
19. Vicol, C.; Buculei, I.; Melinte, O.E.; Dobrin, M.E.; Stavarache, E.I.; Gavrilesco, C.-M.; Postolache, P.; **Matei, D.**; Trofor, A. The Lipid Profile and Biochemical Parameters of COPD Patients in Relation to Smoking Status. *Biomedicines* 2022, 10, 2936. <https://doi.org/10.3390/biomedicines10112936> <https://www.mdpi.com/2227-9059/10/11/2936>
20. Buculei, I.; Dobrin, M.E.; **Matei, D.**; Onu, I.; Vicol, C.; Cioroiu, I.B.; Niculaua, M.; Iordan, D.A.; Cernomaz, A.; Trofor, A.C. Polycyclic Aromatic Hydrocarbons Induced by Smoking and Air Pollution: Correlation with Oxidative Stress in Chronic Obstructive Pulmonary Disease Patients. *Toxics* 2022, 10, 681. <https://doi.org/10.3390/toxics10110681> <https://www.mdpi.com/2305-6304/10/11/681>
21. Sardaru. D. P., Onu, I., Luca, C., Zaharia-Kezdi, D., **Matei, D.**, Drugus, D., Piseru, E.-A., Pandea, A., Iordan, D.-A., & Musat, C.-L. (2023). Specialized Manual Therapy Techniques Can Improve Neuromotor Outcome in Patients with Foot-Drop Syndrome. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 14(3), 330-342. <https://doi.org/10.18662/brain/14.3/477>
22. Iordan D.A., Onu I., **Matei D.V.**, Sardaru D.P., Luca C., Sohaib A., Mereuță C., Adam A.M., Marin D. , Cordun M., Mușat C. - Effect of hydrocortisone ultrasonic phonophoresis in the treatment of knee osteoarthritis. *Balneo and PRM Research Journal* 2023, 14(3): 575 <https://doi.org/10.12680/balneo.2023.575>
23. Buculei, I.; Dobrin, M.E.; **Matei, D.**; Onu, I.; Cioroiu, I.B.; Caba, B.; Postelnicu, M.-G.; Buhociu, D.-H.; Musat, C.L.; Crisan-Dabija, R.; et al. HPLC Analysis and Risk Assessment of 15 Priority PAHs in Human Blood Serum of COPD Patient from Urban and Rural Areas, Iasi (Romania). *J. Pers. Med.* 2023, 13, 1290. <https://doi.org/10.3390/jpm13091290>
24. Trofin, D.; **Matei, D.-V.**; Trofin, D.M.; Onu, I.; Iordan, D.A.; Stamate, T. Clinic-Electrophysiologic Correlations in Rehabilitation of Adult Patients with Traumatic Brachial Plexus Lesions. *Appl. Sci.* 2023, 13, 5679. <https://doi.org/10.3390/app13095679>
25. **Matei, D.**; Trofin, D.; Iordan, D.A.; Onu, I.; Condurache, I.; Ionite, C.; Buculei, I. The Endocannabinoid System and Physical Exercise. *Int. J. Mol. Sci.* 2023, 24, 1989. <https://doi.org/10.3390/ijms24031989>

26. **Daniela Matei**, Călin Corciovă, Radu Matei, Bogdan Ignat, Orest Bolbocean, Daniel Alexa, Cristian Dinu Popescu, Nerve Conduction Studies in Peripheral Arterial Disease With and Without Type 2 Diabetes Mellitus, The 4th IEEE International Conference on E-Health and Bioengineering - EHB 2013, ISBN 978-1-4799-2372-4, DOI: [10.1109/EHB.2013.6707331](https://doi.org/10.1109/EHB.2013.6707331).
27. Orest Bolbocean, Bogdan Ignat, Cristina Grosu, **Daniela Matei**, Dragoș Popescu, Cristian Dinu Popescu, Modifications of Electrophysiological Parameters in Patients with Multiple Sclerosis, The 4th IEEE International Conference on E-Health and Bioengineering - EHB 2013, ISBN 978-1-4799-2372-4. <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=6707231>
28. **Daniela Matei**, Calin Corciova, Radu Matei, Irina Constantinescu, Iulian D. Cuciureanu. QT Interval in Vascular Dementia and Alzheimer's Disease. E-Health and Bioengineering Conference (EHB) 2015, p 1-4. DOI: [10.1109/EHB.2015.7391448](https://doi.org/10.1109/EHB.2015.7391448).
29. Ioana Grigore, Laura Mihaela Trandafir, Vasilica Toma, Georgeta Diaconu, **Daniela Matei**, Elena Luca. Effect of anti-epileptic drugs on the oral health of epileptic children. The 5th IEEE International Conference on E-Health and Bioengineering - EHB 2015, Iași, Romania, November 19-21. DOI: [10.1109/EHB.2015.7391523](https://doi.org/10.1109/EHB.2015.7391523)  
<https://ieeexplore.ieee.org/document/7391523>
30. **Andreea Corciovă**, **Daniela Matei**, Bianca Ivănescu. Medicinal herbs as possible sources of anti-inflammatory products. Balneo Research Journal.Vol.8, No.4, December 2017 p: 231 – 241.DOI: 10.12680/balneo.2017.157  
<https://doaj.org/article/00e68f4fbb264692992dfdf510df6e07>
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Data: 3.06.2024

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