

INFORMAȚII PERSONALE

BOGDAN DOROFTEI



Sexul Masculin | Data nașterii 11.07.1975 | Naționalitatea română

POZIȚIA ACTUALĂ **Profesor Universitar**

EXPERIENȚA PROFESIONALĂ

- 06/07/2017–Prezent **Director Medical**
Spitalul Clinic de Obstetrica - Ginecologie "Cuza Voda", Iasi (Romania)
- 01/07/2017–Prezent **Coordonator Centru Medical Origyn Fertility Center**
SC Fertigyn SRL, Iasi
Fertilizare in vitro
Interventii minim invazive: histeroscopii, laparoscopii
- 01/06/2014–08/01/2015 **Sef de Sectie Ginecologie II**
Spitalul Clinic Obstetrica-Ginecologie "Cuza Voda", Iasi (Romania) Managementul sectiei Ginecologie II
- 19/03/2013–01/11/2015 **Manager proiect**
SC Fertigyn SRL, Iasi (Romania)
Coordonarea echipei de cercetatori si a echipei administrative pentru realizarea proiectului " Infertilitatea - un puzzle din 3 piese: Investigarea cuplului, Diagnosticului infertilitatii, Terapia posibila - I3IDT"
- 15/07/2009–01/07/2017 **Director medical Origyn Fertility Center**
SC Fertigyn SRL, Iasi
Fertilizare in vitro
Interventii minim invazive: histeroscopii, laparoscopii

EXPERIENȚĂ DIDACTICĂ

- 14.02. 2023 – prezent **Profesor Universitar**
Universitatea de Medicina si Farmacie "Gr.T. Popa", Iasi (Romania)
-Activitate didactica si de cercetare in cadrul clinicii II-a Obstetrica–Ginecologie
- 16.02.2020 – 14. 02. 2023 **Conferentiar Universitar**
Universitatea de Medicina si Farmacie "Gr.T. Popa", Iasi (Romania)
Activitate didactica si de cercetare in cadrul clinicii II-a Obstetrica–Ginecologie
- 14.02.2018 – 16.02.2020 **Șef de Lucrări**
Universitatea de Medicina si Farmacie "Gr.T. Popa", Iasi (Romania)
Activitate didactica si de cercetare in cadrul clinicii II-a Obstetrica–Ginecologie

01/03/2009–14.02.2018 **Asistent universitar prin concurs**

Universitatea de Medicina si Farmacie "Gr.T. Popa", Iasi (Romania)
Activitate didactica si de cercetare in cadrul clinicii II-a Obstetrica–Ginecologie

2005 – 2009 **Preparator universitar obstetrică**

Universitatea de Medicina ssi Farmacie "Gr.T. Popa", Iasi (Romania)
Activitate didactica si de cercetare in cadrul clinicii II-a Obstetrica–Ginecologie

2002- 2005 **Preparator universitar obstetrică-ginecologie**

Facultatea de Medicina Dentara "Apollonia" - Iasi

2007 **Doctor în Medicină**

Ordinul Ministrului Educației, Cercetării și Tineretului nr.
632/21.03.2007

• titlu obținut în urma susținerii tezei de doctorat intitulată „ Studiu privind managementul integrat al infecțiilor fungice orale și vaginale în perioada de sarcină.” Conducatori de doctorat au fost : Prof dr. Zenovia Pricop si Prof . Dr. Mircea Rusu.

EDUCAȚIE ȘI FORMARE 2011 - prezent

Medic primar Obstetrică Ginecologie

Clinica a II- a Obstetrică Ginecologie, Iași (România)

2006 – 2011 **Medic specialist obstetrică-ginecologie**

UMF Gr. T. Popa Iași, Clinica, a II-a Obstetrică Ginecologie, Iași (România)

2001 – 2006 **Medic rezident obstetrica- ginecologie**

Spital Clinic „Elena Doamna” Iași si spital Clinic „CUZA VODA” Iași

2001 – 2006 **Diploma de Științe Juridice - DREPT**

Universitatea „Alexandru Ioan Cuza” Iași (România)

2001 – 2002 **Medic stagiar – Medicina generala**

Spital Clinic de Urgenta Iași

1994 – 2000 **Diploma de Doctor – Medic la Facultate de Medicina Generala**

UMF "Gr. T. Popa", Iași (România)

1990 – 1994 **Diplomă de bacalaureat - profilul matematică-fizică**

Liceul "Stefan cel Mare", profilul matematică-fizică, Suceava (România)

• Diplomă de bacalaureat - Seria L, Nr. 102927

ACTIVITATE DE CERCETARE ACTIVITATE ȘTIINȚIFICĂ ȘI STUDII POST-UNIVERSITARE

Activitate științifică	Monografii -Anexa 1 Lucrări științifice ISI sau BDI, lucrări în rezumat în reviste CNCSIS - Anexa 2 Prezentări orale, postere prezentate la manifestări științifice naționale și internaționale -Anexa 3 Lector cursuri - Anexa 4
Activitate de cercetare	Granturi -Anexa 5
Recunoaștere profesională	Citări, indice Hirsch (h-index), premii și distincții, organizator manifestări științifice, afilieri la societăți și organizații științifice, membru în comitete de organizare a unor manifestări științifice, calitate de membru fondator al unor organizații științifice, membru în colegii redacționale al unor publicații științifice - Anexa 6 Diplome, atestate și certificate - Anexa 7
Activitate clinică	Competențe obținute în țară și străinătate, stagii și cursuri de perfecționare efectuate în țară și străinătate, cursuri de specializare efectuate în țară și străinătate, participări la manifestări științifice - Anexa 8

COMPETENȚE PERSONALE

Limba maternă română

Limbile străine

	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citare	Participare la conversație	Discurs oral	
engleză	B2	B2	B2	B2	B2
franceză	B1	B1	B1	B1	B1

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

Competențe organizaționale/manageriale

- Dir. Medical Sp. Cl. Obstetrică ginecologie „Cuza Voda” Iasi 2017-prezent
- Coordonator „Origyn Fertility Center” Iasi
- Membru al Senatului UMF din 2018 - 2020
- Membru în Comitet Director al Spitalului Cuza Vodă Iași - 2017-prezent;
- Membru în Comisia de raportare a rezultatelor EIM ESHRE - 2016-prezent;
- Reprezentantul României la ESHRE CNR Representative – 2011- 2017
- Președintele Sindicatului Medicilor Iasi - 2010-2015
- Vicepreședintele Federației Sanitare " I. Cantacuzino" 2012 – 2015
- Membru în Comisia Obstetrică Ginecologie din cadrul Ministerului Sănătății - 2020

Competențele digitale

AUTOEVALUARE

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

Competențele digitale - Grilă de auto-evaluare

Cunoștințe avansate de utilizare a calculatoarelor (sisteme de operare Windows și OS X)

Bună cunoaștere a instrumentelor Microsoft Office™

Noțiuni de editare grafică

ANEXE

Anexa 1 Monografii, memorii științifice

Anexa 2 Lucrări științifice ISI sau BDI, lucrări în rezumat în reviste CNCSIS

Anexa 3 Prezentări orale, postere prezentate la manifestări științifice naționale și internaționale

Anexa 4 Lector cursuri

Anexa 5 Granturi

Anexa 6 Citări, indice Hirsch (h-index), premii și distincții, organizator manifestări științifice, afiliere la societăți și organizații științifice, membru în comitete de organizare a unor manifestări științifice, calitate de membru fondator al unor organizații științifice, membru în colegii redacționale al unor publicații științifice

Anexa 7 Diplome, atestate și certificate

Anexa 8 Competențe obținute în țară și străinătate, stagii și cursuri de perfecționare efectuate în țară și străinătate, cursuri de specializare efectuate în țară și străinătate, participări la manifestări științifice

Anexa 1 - Monografii, memorii științifice

Monografii

- Autor:
 - Buzea Calin, Eva Lucian si Doroftei Bogdan. Probleme actuale ale medicinei moderne din perspectiva inteligenței artificiale. Fundamente si aplicatii. ISBN 978-973-148-336-8. Editura Ars Longa 2020.
 - Doroftei Bogdan, Gabriela Simionescu, Radu Maftei, Simona Diana Cumpata, Cristina Stancu – Ghid clinic al infertilitatii de cuplu, ISBN: 978-606-13-2729-4, Ed. Pim, Iasi, 2015.
- Co-autor:
 - Mares Mihai, Doroftei Bogdan. Tehnici de laborator in micologia medicala. Ed. Pim. Iasi. 2007 pag 1-39 ISBN 973-716-677-9
 - Doroftei Bogdan - Socul in obstetrica. OBSTETRICA. ISBN: 978-606-544-709-7 pag: 419-433. Editura „GR T POPA” 2020
- Autor capitol
 - Doroftei Bogdan - Infertilitatea de cuplu. GINECOLOGIE. ISBN 978-606-544-824-7. Pag 342-353. Editura „GRIGORE T POPA”, 2022.
 - Doroftei Bogdan - Socul in obstetrica. OBSTETRICA. ISBN: 978-606-544-709-7 pag: 419-433. Editura „GR T POPA” 2020
 - Mares Mihai, Doroftei Bogdan. Tehnici de laborator in micologia medicala. Ed. Pim. Iasi. 2007 pag 1-39 ISBN 973-716-677-9

Memoriu științific

- Complicațiile digestive ale chirurgiei laparoscopice - memoriu efectuat pentru obținerea competențelor în Franța - indexat la Biblioteca Fac. de Medicină Auvergne din Clermont-Ferrand.

Anexa 2

- A) *Lucrări Indexate ISI cu factor de impact - autor / coautor*
- B) *Lucrări Indexate ISI sau în reviste BDI - autor / coautor*
- C) *Lucrări în reviste CNCSIS, in extenso sau în rezumat, în volumele unor manifestări științifice etc.*

A) *Lucrări în extenso, indexate ISI, cu factor de impact – autor*

1. **Doroftei, B.**; Ilie, O.-D.; Anton, N.; Marcu, O.-A.; Scripcariu, I.-S.; Ilea, C. A Narrative Review Discussing the Efficiency of Personalized Dosing Algorithm of Follitropin Delta for Ovarian Stimulation and the Reproductive and Clinical Outcomes. *Diagnostics* **2023**, *13*, 177. <https://www.mdpi.com/2075-4418/13/2/177>
2. Anton N, **Doroftei B**, Curteanu S, Catălin L, Ilie O-D, Târcoveanu F, Bogdănici CM. Comprehensive Review on the Use of Artificial Intelligence in Ophthalmology and Future Research *Directions. Diagnostics.* **2023**; *13*(1):100. <https://doi.org/10.3390/diagnostics13010100>
3. Nita, I.-B.; Ilie, O.-D.; Ciobica, A.; Hritcu, L.-D.; Dobrin, I.; **Doroftei, B.**; Dobrin, R. Reviewing the Potential Therapeutic Approaches Targeting the Modulation of Gastrointestinal Microflora in Schizophrenia. *Int. J. Mol. Sci.* **2022**, *23*, 16129. <https://doi.org/10.3390/ijms232416129>. <https://www.mdpi.com/2013852>
4. Ilea, C.; Ilie, O.-D.; Stoian, I.-L.; Scripcariu, I.-S.; **Doroftei, B.** An Unusual Case of Urachal Cyst Misdiagnosed as a Paraovarian Cyst: Ultrasound Assessment and Differential Diagnosis. *Diagnostics*, dec 2022, *12*, 3166. <https://doi.org/10.3390/diagnostics12123166>. <https://www.mdpi.com/2075-4418/12/12/3166>
5. Vaduva CC, Cilica RM, Nastase A, Carp-Veliscu A, **Doroftei B.** A successful case of assisted reproduction after contamination of the culture medium with *Escherichia coli*. *Eur Rev Med Pharmacol Sci.* **2022** Aug;*26*(16):5932-5938. doi: 10.26355/eurrev_202208_29533. PMID: 36066169. (Research Areas: Pharmacology & Pharmacy) <https://pubmed.ncbi.nlm.nih.gov/36066169/>
6. Ilie OD, Duta R, Balmus IM, Savuca A, Petrovici A, Nita IB, Antoci LM, Jijie R, Mihai CT, Ciobica A, Nicoara M, Popescu R, Dobrin R, Solcan C, Trifan A, Stanciu C, **Doroftei B.** Assessing the Neurotoxicity of a Sub-Optimal Dose of Rotenone in Zebrafish (*Danio rerio*) and the Possible Neuroactive Potential of Valproic Acid, Combination of Levodopa and Carbidopa, and Lactic Acid Bacteria Strains. *Antioxidants (Basel).* **2022** Oct *11*(10):2040. doi: 10.3390/antiox11102040. PMID: 36290763; PMCID: PMC9598446. (Research Areas: Biochemistry & Molecular BiologyPharmacology & PharmacyFood Science & Technology) <https://www.mdpi.com/1888256>
7. Ilea C, Ilie OD, Marcu OA, Stoian I, **Doroftei B.** The Very First Romanian Unruptured 13-Weeks Gestation Tubal Ectopic Pregnancy. *Medicina (Kaunas).* **2022** Aug *25*;58(9):1160. doi: 10.3390/medicina58091160. PMID: 36143837; PMCID: PMC9505551. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/1795844>
8. **Doroftei B**, Ilie OD, Anton N, Armeanu T, Ilea C. A Mini-Review Regarding the Clinical Outcomes of In Vitro Fertilization (IVF) Following Pre-Implantation Genetic Testing (PGT)-Next Generation Sequencing (NGS) Approach. *Diagnostics (Basel).* **2022** Aug *7*;12(8):1911. doi: 10.3390/diagnostics12081911. PMID: 36010262; PMCID: PMC9406843. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/1764842>
9. **Doroftei B**, Ilie OD, Dabuleanu AM, Hutanu D, Vaduva CC. A Retrospective Narrative Mini-Review Regarding the Seminal Microbiota in Infertile Male. *Medicina (Kaunas).* **2022** Aug *7*;58(8):1067. doi: 10.3390/medicina58081067. PMID: 36013533; PMCID: PMC9414835. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/1764788>
10. **Doroftei B**, Ilie OD, Diaconu R, Hutanu D, Stoian I, Ilea C. An Updated Narrative Mini-Review on the Microbiota Changes in Antenatal and Post-Partum Depression. *Diagnostics (Basel).* **2022** Jun *28*;12(7):1576. doi: 10.3390/diagnostics12071576. PMID: 35885482; PMCID: PMC9315700. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/1701970>
11. Ilie OD, Duta R, Jijie R, Nita IB, Nicoara M, Faggio C, Dobrin R, Mavroudis I, Ciobica A, **Doroftei B.** Assessing Anti-Social and Aggressive Behavior in a Zebrafish (*Danio rerio*)

- Model of Parkinson's Disease Chronically Exposed to Rotenone. *Brain Sci.* 2022 Jul 8;12(7):898. doi: 10.3390/brainsci12070898. PMID: 35884705; PMCID: PMC9313068. (Research Areas: Neurosciences & Neurology) <https://www.mdpi.com/1717872>
12. Anton, Nicoleta, Catalin Lisa, Bogdan **Doroftei**, Silvia Curteanu, Camelia Margareta Bogdanici, Dorin Chiselita, Daniel Constantin Branisteanu, Ionela Nechita-Dumitriu, Ovidiu-Dumitru Ilie, and Roxana Elena Ciuntu. 2022. "Use of Artificial Neural Networks to Predict the Progression of Glaucoma in Patients with Sleep Apnea" *Applied Sciences* 12, no. 12: 6061. (Research Areas: ChemistryEngineeringMaterials SciencePhysics) <https://doi.org/10.3390/app12126061>
 13. **Doroftei** Bogdan, Ilie OD, Anton N, Timofte SI, Ilea C. Mathematical Modeling to Predict COVID-19 Infection and Vaccination Trends. *J Clin Med.* 2022 Mar 21;11(6):1737. doi: 10.3390/jcm11061737. PMID: 35330062; PMCID: PMC8956009. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/1551676>
 14. Paduraru E, Iacob D, Rarinca V, Rusu A, Jijie R, Ilie OD, Ciobica A, Nicoara M, **Doroftei** B. Comprehensive Review Regarding Mercury Poisoning and Its Complex Involvement in Alzheimer's Disease. *Int J Mol Sci.* 2022 Feb 11;23(4):1992. doi: 10.3390/ijms23041992. PMID: 35216107; PMCID: PMC8879904. (Research area: Biochemistry & Molecular Biology Chemistry). <https://www.mdpi.com/1493804>
 15. Doroftei B, Ilie OD, Maftai R, Dabuleanu AM, Scripcariu I, Anton E, Puha B. The pregnancy rate among Romanian adolescents: an eleven years (2009-2020) observational, retrospective study from a single center. *Ginekol Pol.* 2022 Jan 24. doi: 10.5603/GP.a2021.0132. Epub ahead of print. PMID: 35072236. (Research area: Obstetrics&Gynecology) https://journals.viamedica.pl/ginekologia_polska/article/view/82973
 16. **Doroftei** B, Maftai R, Ilie OD, Armeanu T, Puiu M, Ivanov I, Nemtanu L. In Vitro Fertilization Using Preimplantation Genetic Testing in a Romanian Couple Carrier of Mutations in the TTN Gene: A Case Report and Literature Review. *Diagnostics (Basel).* 2021 Dec 10;11(12):2328. doi: 10.3390/diagnostics11122328. PMID: 34943567; PMCID: PMC8699826. (Research area: General & Internal Medicine) <https://www.mdpi.com/2075-4418/11/12/2328>
 17. Ilie Ovidiu-Dumitru, Bolos Alexandra, Nita Ilinca-Bianca, Cojocariu Roxana-Oana, Balmus Ioana-Miruna, Ciobica Alin, Trus Constantin, **Doroftei Bogdan**. Preliminary Data on Gastrointestinal Deficiencies Incidence and the Prevalence of Anxiety During the COVID-19 Pandemic Among the Medical Workers. *The Journal of nervous and mental disease.* (Research Areas: Neurosciences & NeurologyPsychiatry) 02. NOV. 2021, 10.1097/NMD.0000000000001445 https://www.researchgate.net/publication/355949666_Preliminary_Data_on_Gastrointestinal_Deficiencies_Incidence_and_the_Prevalence_of_Anxiety_During_the_COVID-19_Pandemic_Among_the_Medical_Workers
 18. Anton, Nicoleta, Ciuntu Roxana Elena, Chiselita Dorin, Danielescu Ciprian, Alexa Anisia Iuliana, Cantemir, Alina, Bogdanici Camelia Margareta, Branisteanu Daniel Constantin, **Doroftei Bogdan** Ocular Implications in Patients with Sleep Apnea. *APPLIED SCIENCES-BASEL*, VOL 11, ISSUE 21, Article Number10086, DOI10.3390/app112110086, Published NOV 2021 (Research Areas: ChemistryEngineeringMaterials SciencePhysics) <https://www.mdpi.com/1212136>
 19. Ilie Ovidiu-Dumitru, Paduraru Emanuela, Robea Madalina-Andreea, Balmus Ioana-Miruna, Jijie Roxana, Nicoara Mircea, Ciobica, Alin, Nita Ilinca-Bianca, Dobrin Romeo, **Doroftei Bogdan**. The Possible Role of Bifidobacterium longum BB536 and Lactobacillus rhamnosus HN001 on Locomotor Activity and Oxidative Stress in a Rotenone-Induced Zebrafish Model of Parkinson's Disease. *OXIDATIVE MEDICINE AND CELLULAR LONGEVITY*, Volume 2021, Article Number, 9629102, DOI 10.1155/2021/9629102 Published OCT 14 2021. (Research Areas: Cell Biology) <https://www.hindawi.com/journals/omcl/2021/9629102/>

20. **Doroftei B**, Ilie OD, Puiu M, Ciobica A, Ilea C. Mini-Review Regarding the Applicability of Genome Editing Techniques Developed for Studying Infertility, *Diagnostics*, 2021, 11(2): art. no 246. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/987764>
21. **Doroftei B**, Maftei R, Ilie OD, Simionescu G, Anton E, Armeanu T, Dabuleanu AM, Mihalceanu E, Condac C, Ilea C. Transvaginal Ultrasound as a First-Line Approach in Deep Endometriosis: A Pictorial Essay, *Diagnostics*, 2021, 11(3): art. no 444. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/1021100>
22. **Doroftei B**, Ciobica A, Ilie OD, Maftei R, Ilea C. Mini-Review Discussing the Reliability and Efficiency of COVID-19 Vaccines, *Diagnostics*, 2021, 11(4): art. no 579. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/1046180>
23. Anton N, **Doroftei B**, Ilie OD, Ciuntu RE, Bogdanici CM, Nechita-Dumitriu I. A Narrative Review of the Complex Relationship between Pregnancy and Eye Changes, *Diagnostics*, 2021, 11(8): art. no 1329. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/1201020>
24. **Doroftei B**, Ilie OD, Balmus IM, Ciobica A, Maftei R, Scripcariu I, Simionescu G, Grab D, Stoian I, Ilea C. Molecular and Clinical Insights on the Complex Interaction between Oxidative Stress, Apoptosis, and Endobiota in the Pathogenesis of Endometriosis, *Diagnostics*, 2021, 11(8): art. no 1434. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/1221782>
25. **Doroftei B**, Ilie OD, Armeanu T, Anton E, Scripcariu I, Maftei R. The Prevalence of *Ureaplasma Urealyticum* and *Mycoplasma Hominis* Infections in Infertile Patients in the Northeast Region of Romania, *Med Lith*, 2021, 57(3): art. no 211. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/1013108>
26. **Doroftei B**, Ilie OD, Dabuleanu AM, Diaconu R, Maftei R, Simionescu G, Ilea C. Follitropin Delta as a State-of-the-Art Incorporated Companion for Assisted Reproductive Procedures: A Two-Year Observational Study, *Med Lith*, 2021, 57(4): art. no 379. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/1072174>
27. Cojocariu RO, Balmus IM, Lefter R, Ababei DC, Ciobica A, Hritcu L, Kamal F, **Doroftei B**. Behavioral and Oxidative Stress Changes in Mice Subjected to Combinations of Multiple Stressors Relevant to Irritable Bowel Syndrome, *Brain Sci*, 2020, 10(11): art. no 865. (Research Areas: Neurosciences & Neurology) <https://www.mdpi.com/2076-3425/10/11/865>
28. Simionescu G, Ilie OD, Ciobica A, **Doroftei B**, Maftei R, Grab D, McKenna J, Dhunna N, Mavroudis I, Anton E. Mini-Review on the Possible Interconnections between the Gut-Brain Axis and the Infertility-Related Neuropsychiatric Comorbidities, *Brain Sci*, 2020, 10(6): art. no 384. (Research Areas: Neurosciences & Neurology) <https://www.mdpi.com/2076-3425/10/6/384>
29. **Doroftei B**, Dabuleanu AM, Ilie OD, Maftei R, Anton E, Simionescu G, Matei T, Armeanu T. Mini-Review of the New Therapeutic Possibilities in Asherman Syndrome-Where Are We after One Hundred and Twenty-Six Years?, *Diagnostics*, 2020, 10(9): art. no 706. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/2075-4418/10/9/706>
30. Iftime MM, Dobreci DL, Irimiciuc SA, Agop M, Petrescu T, **Doroftei B**. A theoretical mathematical model for assessing diclofenac release from chitosan-based formulations, *Drug Deliv*, 2020, 27(1): 1125-1133. (Research Areas: Pharmacology & Pharmacy) <https://www.tandfonline.com/doi/full/10.1080/10717544.2020.1797242>
31. Armeanu T, Maftei R, Simionescu G, Nicolaiciuc D, Plopa N, **Doroftei B**. Infertility and borderline malignant ovarian tumors: a case of successful pregnancy after fertility-preserving management of the disease, *Eur J Gynaecol Oncol*, 2020, 41(2): 284-288. (Research Areas: Oncology; Obstetrics & Gynecology) <https://www.imrpress.com/journal/EJGO/41/2/10.31083/j.ejgo.2020.02.4989/htm>
32. **Doroftei B**, Nemtanu L, Ilie OD, Simionescu G, Ivanov I, Anton E, Puiu M, Maftei R. In Vitro Fertilisation (IVF) Associated with Preimplantation Genetic Testing for Monogenic Diseases (PGT-M) in a Romanian Carrier Couple for Congenital Disorder of Glycosylation

- Type Ia (CDG-Ia): A Case Report, *Genes*, 2020, 11(6): art. no 697. (Research Areas: Genetics & Heredity) <https://www.mdpi.com/2073-4425/11/6/697>
33. Ilie OD, Ciobica A, **Doroftei B**. Testing the Accuracy of the ARIMA Models in Forecasting the Spreading of COVID-19 and the Associated Mortality Rate, *Med Lith*, 2020, 56(11): art. no 566. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/870992>
 34. Antioch I, Ilie OD, Ciobica A, **Doroftei B**, Fornaro M. Preclinical Considerations about Affective Disorders and Pain: A Broadly Intertwined, yet Often Under-Explored, Relationship Having Major Clinical Implications, *Med Lith*, 2020, 56(10): art. no 504. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/839658>
 35. **Doroftei B**, Armeanu T, Maftei R, Ilie OD, Dabuleanu AM, Condac C. Abdominal Wall Endometriosis: Two Case Reports and Literature Review, *Med Lith*, 2020, 56(12): art. no 727. (Research Areas: General & Internal Medicine) <https://www.mdpi.com/1648-9144/56/12/727>
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<https://pubmed.ncbi.nlm.nih.gov/20191836/>
14. M Mareş, Demetra Socolov, Bogdan **Doroftei**, Anca Botezatu, Cristina D Goia. The prevalence of some bacterial markers in female patients undergoing an initial infertility evaluation in north-east romania. Roumanian archives of microbiology and immunology 01/2009; 68(3):171-4. <https://europepmc.org/article/med/20361538>
<https://roami.ro/index.php/vol-68-issue-3-july-september-2009/>

C) Lucrări în rezumat în suplimente ale publicațiilor indexate ISI – autor

1. Simionescu Gabriela, Doroftei Bogdan Efficacy and safety of corifollitropin alfa administration in poor ovarian responders undergoing ivf treatment cycle. FERTILITY AND STERILITY Volume: 100 Issue: 3 Pages: S521-S521 Supplement: S Meeting Abstract: P-1298 DOI: 10.1016/j.fertnstert.2013.07.256 Published: SEP 2013 Document Type: Meeting Abstract
2. **Doroftei Bogdan**, Emerson Geraldine, Cumpata Simona., Simionescu Gabriela, Maftei R., Ztei Mihaela. Time-lapse monitoring of early embryo development may aid in the validation of the effect of sperm DNA fragmentation assay on reproductive outcomes - preliminary findings HUMAN REPRODUCTION **Meeting Abstract: O-270 Volume: 30 Pages: 118-118 Supplement: Published: JUN 2015 31st Annual Meeting of the European-Society-of-Human-Reproduction-and-Embryology (ESHRE)**, WOS:000359740300267, **eISSN: 1460-2350** pag.118 Prezentarea (O-270)
3. **Doroftei B.** Buzea C., Simionescu Gabriela, Cumpata Simona, Agop M. Maftei R. Fractal analysis and related forms of complexity of embryo development. Is there a new tool for human embryo selection? HUMAN REPRODUCTION **Meeting Abstract: P-204 Volume: 31 Pages: 217-217 Supplement: 1 Published: JUL 2016**, WOS:000453583902014 **eISSN: 1460-2350**

Lucrări în rezumat în suplimente ale publicațiilor indexate ISI – coautor

1. Valeanu Sabina; Simionescu Gabriela, **Doroftei Bogdan**; Cumpata Simona Diana Sperm chromatin structure and the sperm parameters characteristics after processing by the density gradient. CURRENT OPINION IN BIOTECHNOLOGY Volume: 24 Pages: S107-S107 Supplement: 1 DOI: 10.1016/j.copbio.2013.05.329 Published: JUL 2013

Anexa 3 – Speaker international

1. 26 Congresso Brasileiro de Reproducao Assistada
 Participari la congrese, conferinte nationale si internationale
1. RAO 2022
2. 15 EGS Congress Athens
3. Conferința Națională Zilele Medicale "Vasile Dobrovici" Ediția a XIV-a, Iași, 26.11-28.11.2020

Anexa 4 - Lector la cursuri

1. Curs de Ultrasonografie obstetricala și ginecologica nivel I+II, 21.03- 20.06.2011, titular de curs-prof. Lupașcu Ivona, UMF "Grigore T. Popa" Iași
2. Curs de Ultrasonografie obstetricala și ginecologica nivel I+II, 02.11.2011-

- 23.01.2012, titular de curs-prof. Lupașcu Ivona, UMF "Grigore T. Popa" Iași
3. Curs Ultrasonografie obstetricală și ginecologica nivel I+II, 01.11.2012-31.01.2013, (curs pentru obținerea atestatului), titular de curs - Prof. Lupașcu Ivona, UMF "Grigore T. Popa" Iași
 4. Curs de Ultrasonografie obstetricala și ginecologica nivel I+II, 01.11.2012-31.01.2013, titular de curs-prof. Lupașcu Ivona, UMF "Grigore T. Popa" Iași
 5. Curs pentru competența FIV. Tratamentul infertilității cuplului – Fertilizare in vitro. Titular Prof. dr. Onofriescu. Centrul national de perfectionare postuniversitara a medicilor si farmacistilor Bucuresti 01.02.2015 – 31.08.2015
 6. Curs pentru competența FIV. Tratamentul infertilității cuplului – Fertilizare in vitro. Titular Prof. dr. Onofriescu. Centrul national de perfectionare postuniversitara a medicilor si farmacistilor Bucuresti 01.02.2016 – 31.08.2016
 7. Curs pentru competența FIV. Tratamentul infertilității cuplului – Fertilizare in vitro. Titular Prof. dr. Onofriescu. Centrul national de perfectionare postuniversitara a medicilor si farmacistilor Bucuresti 01.02.2017 – 31.08.2017
 8. Curs pentru competența FIV. Tratamentul infertilității cuplului – Fertilizare in vitro. Titular Prof. dr. Onofriescu. Centrul national de perfectionare postuniversitara a medicilor si farmacistilor Bucuresti 01.02.2019 – 31.08.2019.
 9. Curs pentru competența FIV. Tratamentul infertilității cuplului – Fertilizare in vitro. Titular Prof. dr. Onofriescu. Centrul national de perfectionare postuniversitara a medicilor si farmacistilor Bucuresti 01.03.2021 – 01.09.2020.
 10. Curs pentru competența FIV. Tratamentul infertilității cuplului – Fertilizare in vitro. Titular Prof. dr. Onofriescu. Centrul national de perfectionare postuniversitara a medicilor si farmacistilor Bucuresti 01.03.2021 – 01.09.2021.
 11. Curs pentru competența FIV. Tratamentul infertilității cuplului – Fertilizare in vitro. Titular Prof. dr. Onofriescu. Centrul national de perfectionare postuniversitara a medicilor si farmacistilor Bucuresti 01.03.2022 – 01.09.2022.

Anexa 5 - Granturi

Granturi de cercetare

1. Proiect CAPACITATI, contract 427/2010: Cooperare bilaterala Romania – Rep. Moldova – „METODE COMPLEXE NEMEDICAMENTOASE IN PROFILAXIA SI TRATAMENTUL AFECTIUNILOR COLULUI SI CAVITATII UTERINE”, perioada 2010-2012, Coordonator Universitatea de Medicina si Farmacie „Gr. T. Popa” din Iași
2. Proiect CAPACITATI, contract 423/04.06.2010: Cooperare bilaterala Romania – Rep. Moldova - DIAGNOSTIC MOLECULAR SI IMPLICATII PROTEOMICE IN INFERTILITATEA DE CAUZA MICROBIANA – perioada 2010-2012 Coordonator Universitatea de Medicina si Farmacie „Gr. T. Popa” din Iași
3. “Infertilitatea - un puzzle din trei piese: Investigarea cuplului, Diagnosticul infertilitatii, Terapia posibila – I3IDT”, contract 448 / 2013, durata 30 luni, valoare proiect 3.499. 970 RON
4. Proiectul IDEI, contract 338/1.10.2007 „STUDIU PRIVIND DIAGNOSTICUL MOLECULAR AL INFERTILITATII TUBARE DE CAUZA MICROBIANA” perioada 2007-2010, 36 luni, Contractor Universitatea de Medicina si Farmacie „Gr. T. Popa” din Iași
5. Proiectul Paternitate, contract PN II nr. 41089/2007 NOI METODEDE ȘI TEHNICI BIOMEDICALE DE INVESTIGARE, DIAGNOSTICARE ȘI MONITORIZARE NEINVAZIVĂ

CU RADIAȚII ELECTROMAGNETICE NEIONOGENE – BIOELECTRA, perioada 2007-2010, 36 de luni, Coordonator Universitatea de Medicina si Farmacie „Gr. T. Popa” din Iași

6. Proiectul Paternitate contract 71046/2007 „Noi metode si tehnici biomagnetometrice de inalta rezolutie pentru investigare si diagnosticare biomedicala – BIOMAG” perioada 2007-2010. Coordonator Universitatea de Medicina si Farmacie „Gr. T. Popa” din Iași
7. Proiect „Evaluarea efectului antifungic al nanoconjugatelor unui nou derivat de propiconazol cu beta-ciclodextrină” perioada august 2010-iulie 2013 http://www.uaiasi.ro/PN_2/MXP4509/
8. Expert in proiectul „Servicii pentru elaborarea si standardizarea protocoalelor si al ghidurilor de practica medicala in transplant din cadrul proiectului SIPOCA 696” „Îmbunătățirea procesului de reglementare in domeniul transplantului” SIMS 129166 derulat de Ministerul Sănătății pe perioada Octombrie 2021 - prezent

Anexa 6 - Citări, indice Hirsch (h-index), premii și distincții, organizator manifestări științifice, afilieri la societăți și organizații științifice, membru în comitete de organizare a unor manifestări științifice, calitate de membru fondator al unor organizații științifice, membru în colegii redacționale al unor publicații științifice

Indice Hirsch

ISI Thompson: 9

Google scholar: 15

Citări

451 (Web of Knowledge)

1623 (Google scholar)

Premii, distincții

1. Premiul CNCIS PN-III-P1-1.1- PRECISI-2021- 67370 pentru lucrarea „The Possible Role of Bifidobacterium longum BB536 and Lactobacillus rhamnosus HN001 on Locomotor Activity and Oxidative Stress in a RotenoneInduced Zebrafish Model of Parkinson's Disease” - Oxidative Medicine and Cellular Longevity
2. Premiul PN-III-P1-1.1- PRECISI-2021- 64182 pentru lucrarea „Transvaginal Ultrasound as a First-Line Approach in Deep Endometriosis: A Pictorial Essay” - Diagnostics
3. Premiul CNCIS PN-III-P1-1.1- PRECISI-2021- 61917 pentru lucrarea „Behavioral and oxidative stress changes in mice subjected to combinations of multiple stressors relevant for irritable bowel syndrome” - Brain Sciences
4. Premiul CNCIS PN-III-P1-1.1- PRECISI-2021- 62166 pentru lucrarea „Mini-Review of the New Therapeutic Possibilities in Asherman Syndrome—Where Are We after One Hundred and Twenty-Six Years?” – Diagnostics
5. Premiul CNCIS PN-III-P1-1.1- PRECISI-2021- 62176 pentru lucrarea „Mini-Review Discussing the Reliability and Efficiency of COVID-19 Vaccines” – Diagnostics
6. Premiul CNCIS PN-III-P1-1.1- PRECISI-2021- 62193 pentru lucrarea „Mini-Review Regarding the Applicability of Genome Editing Techniques Developed for Studying Infertility” – Diagnostics
7. Premiul CNCIS PN-III-P1-1.1- PRECISI-2021- 62446 pentru lucrarea „A Narrative Review of the Complex Relationship between Pregnancy and Eye Changes” – Diagnostics
8. Premiul CNCIS PN-III-P1-1.1- PRECISI-2021- 62460 pentru lucrarea „The Prevalence of Ureaplasma Urealyticum and Mycoplasma Hominis Infections in Infertile Patients in the Northeast Region of Romania” - Medicina-Lithuania

9. Premiul PN-III-P1-1.1- PRECISI-2021- 62656 pentru lucrarea „Molecular and Clinical Insights on the Complex Interaction between Oxidative Stress, Apoptosis, and Endobiota in the Pathogenesis of Endometriosis” – Diagnostics
10. Premiul CNCIS PN-III-P1-1.1- PRECISI-2021- 62673 pentru lucrarea „Assessing Changes in Diabetic Retinopathy Caused by Diabetes Mellitus and Glaucoma Using Support Vector Machines in Combination with Differential Evolution Algorithm” - Applied Sciences-Basel
11. Premiul PN-III-P1-1.1- PRECISI-2021- 63129 pentru lucrarea „Follitropin Delta as a State-of-the-Art Incorporated Companion for Assisted Reproductive Procedures: A Two-Year Observational Study” - Medicina-Lithuania
12. Premiul CNCIS PN-III-P1-1.1-PRECISI2020-51534 pentru lucrarea „Iatrogenic parasitic myoma and iatrogenic adenomyoma after laparoscopic morcellation: A minireview” - Journal of Advanced Research
13. Premiul CNCIS PN-III-P1-1.1- PRECISI-2020- 51219 pentru lucrarea „Minireview Exploring the Biological Cycle of Vitamin B3 and Its Influence on Oxidative Stress: Further Molecular and Clinical Aspects” – Molecules
14. Premiul CNCIS PN-III-P1-1.1- PRECISI-2020- 51225 pentru lucrarea „Mini-Review on the Possible Interconnections between the Gut-Brain Axis and the Infertility-Related Neuropsychiatric Comorbidities” - Brain Sciences
15. Premiul CNCIS PN-III-P1-1.1- PRECISI-2020- 51237 pentru lucrarea „Minireview on the Relations between Gut Microflora and Parkinson's Disease: Further Biochemical (Oxidative Stress), Inflammatory, and Neurological Particularities” - Oxidative Medicine and Cellular Longevity
16. Premiul CNCIS PN-III-P1-1.1- PRECISI-2020- 51240 pentru lucrarea „Forecasting the Spreading of COVID-19 across Nine Countries from Europe, Asia, and the American Continents Using the ARIMA Models” – Microorganisms
17. Premiul CNCIS PN-III-P1-1.1- PRECISI-2020- 49209 pentru lucrarea „A theoretical mathematical model for assessing diclofenac release from chitosan-based formulations” - DRUG DELIVERY
18. Premiul CNCIS (PN-III-P1-1.1-PRECISI-2019-30816)- competiția Premiara Rezultatelor Competiția 2019 pentru lucrarea: "Mini-Review on the Possible Interconnections between the Gut-Brain Axis and the Infertility-Related Neuropsychiatric Comorbidities"
19. Premiul CNCIS (PN-III-P1-1.1-PRECISI-2019-30816)- competiția Premiara Rezultatelor Competiția 2019 "Minireview on the Relations between Gut Microflora and Parkinson's Disease: Further Biochemical (Oxidative Stress), Inflammatory, and Neurological Particularities"
20. Premiul CNCIS (PN-III-P1-1.1-PRECISI-2019-30816)- competiția Premiara Rezultatelor Competiția 2019 "Forecasting the Spreading of COVID-19 across Nine Countries from Europe, Asia, and the American Continents Using the ARIMA Models"
21. Premiul CNCIS (PN-III-P1-1.1-PRECISI-2019-30816)- competiția Premiara Rezultatelor Competiția 2019 pentru lucrarea: "Minireview Exploring the Biological Cycle of Vitamin B3 and Its Influence on Oxidative Stress: Further Molecular and Clinical Aspects"

Organizator manifestări științifice

1. Workshop Tehnici Minim Invazive adresate Patologiei Ginecologice
19.10.2020 – 21.10.2020
2. WORKSHOP: Atelier de punție ovocitară. Recomandările ESHRE pentru punția ovocitară in cadrul Conferinței Naționale Zilele Medicale "Vasile Dobrovici" Ediția a XV-a, Iași, 05.05-07.05.2022

Afilieri științifice - membru al următoarelor societăți

1. Societatea de Medici și Naturaliști;
2. ESHRE (European Society of Human Reproduction and Embriology);
3. ASRM (American Society Reproductive Medicine);
4. IFFS International Federation of Fertilty Society

Membru in comitete de organizare a unor manifestări științifice:

1. Conferința Națională Zilele Medicale "Vasile Dobrovici" Ediția a XI-a, Iași, 24-26 Mai 2012
2. Conferința Națională Zilele Medicale "Vasile Dobrovici" Ediția a XI-a, Iași, 02-05.04 2014
3. Conferința Națională Zilele Medicale "Vasile Dobrovici" Ediția a XII-a, Iași, 14-16.04 2016
4. Conferința Națională Zilele Medicale "Vasile Dobrovici" Ediția a XIII-a, Iași, 19-21.04 2018
5. Conferința Națională Zilele Medicale "Vasile Dobrovici" Ediția a XIV-a, Iași, 26.11-28.11.2020
6. Conferința Națională Zilele Medicale "Vasile Dobrovici" Ediția a XV-a, Iași, 05.05-07.05.2022

Membru în colegii redacționale:

1. Editor- Life (<https://www.mdpi.com/journal/life>) (ISSN 2075-1729)
2. Editor- Medicina (<https://www.mdpi.com/journal/medicina>) (ISSN 1648-9144)
3. peer -review Human Fertility 2017
4. peer -review Genes 2020
5. peer -review Marine Drugs 2020
6. peer -review PLoS One 2020
7. peer -review BMC Pregnancy and Childbirth 2020
8. peer -review Eshre Annual Meeting 2015, 2017

Anexa 7 - Diplome, atestate și certificate

Anexa 8 - Competențe obținute în țară și străinătate, stagii și cursuri de perfecționare efectuate în țară și străinătate, cursuri de specializare efectuate în țară și străinătate, cursuri de management

A) Competențe obținute în țară

9. Certificat de competență în ecografie obstetricală și ginecologică acordat de Centrul de Perfecționare Postuniversitară a Medicilor și Farmaciștilor din cadrul Ministerului Sănătății (sesiune 2008), certificat nr. 23015 din 16/07/2008
10. Certificat de competență în histeroscopie ginecologică acordat de Ministerul Sănătății (sesiune 2008), certificat, nr. 23625 din 16/07/2008

11. Certificat de competență în chirurgie laparoscopică ginecologică acordat de Ministerul Sănătății (sesiunea 2008), certificat nr. 23015 din 16/07/2008
12. Certificat de competență în reproducere asistată acordat de Ministerul Sănătății (sesiunea 2009), certificat nr. 25090 din 20/07/2009.
13. Certificat de competență în managementul serviciilor de sănătate acordat de Ministerul Sănătății (sesiunea 2017)

B) Competențe obținute în străinătate

14. Competență în laparoscopie ginecologică (Diplome Européene d'Endoscopie Opératoire 2008-2009), Université d'Auvergne, Clermont Ferrand, Franța.
15. ESGE – GESEA Bachelor in Endoscopy 14/03/2020 Leuven, Belgia