

Avizat,

Rector,

Conf. Univ. Dr. Dan Marcel Iliescu

## **FIȘA DE VERIFICARE**

**a Îndeplinirii standardelor minimale în vederea obținerii atestatului de abilitare  
în cadrul I.O.S.U.D. Facultatea de Medicină, Universitatea „Ovidius” din Constanța**

**Domeniul de doctorat: Medicină**

### **I. Date despre candidat:**

#### **1. Gradul didactic/de cercetare: Conferențiar universitar**

Nume: **Doșa**

Prenume: **Monica Daniela**

#### **2. Doctor în științe**

**X DA      NU**

**Titlul tezei de doctorat: " Influența unor medicamente antidiabetice orale asupra  
concentrației plasmatice și urinare a unor cationi bivalenți" UMF "Gr. T. Popa" Iași**

Diploma de Doctor Seria H Nr. 0006357 emisă în baza Ordinului Ministrului Educației, Cercetării,  
Tineretului și Sportului nr. 4387 din 06.VI. 2011

#### **3. Postul didactic de predare – Disciplina de Farmacologie (disciplină preclinică, fără corespondent în rețeaua Ministerului Sănătății) Medic primar în specialitatea Medicină de Laborator**

Certificat Nr. VIII.d/60412/11.12.2006 Ordinul de confirmare OMS 1051/2006

**X DA      NU**

**Date numerice privind îndeplinirea standardelor minime naționale, conform anexei nr. 20, Ordinul Ministrului Educației Naționale și Cercetării Științifice nr 6129/20.12.2016 și a standardelor minime de abilitare și afiliere ale Școlilor Doctorale începând cu anul universitar 2025-2026 conform HS 597/30.07.2025**

**Școala Doctorală de Medicină (comisia 20)**

<b>Standarde minime naționale CNATDCU Comisia Medicină în vigoare conform OMECST nr. 6129/2016 cu modificările și completările ulterioare</b>			<b>Standarde minime specifice Școlii Doctorale UOC pentru abilitare și afiliere, conform HS 597/30.07.2025</b>			
<b>Condiții minime</b>	<b>Standard minim obligatoriu publicații ISI</b>	<b>Realizat</b>	<b>Standard minim</b>	<b>Realizat</b>	<b>Standard minim obligatoriu de publicații ISI tip Article</b>	<b>Realizat</b>
Număr de articole în extenso publicate în reviste cu factor de impact indexate în Web of Science Core Collection în calitate de autor principal	10	11	11	11	5	5
Număr de articole în extenso publicate în reviste cu factor de impact indexate în Web of Science Core Collection în calitate de coautor	5	9	5	9	–	–
Index Hirsch	6	11	6	11	–	–
Factor cumulat de impact autor principal FCIAP	10	46.32	11	46.32		

**Criteriu îndeplinit:**

**X DA      NU**

**1. Lista articolelor în extenso publicate în reviste cotate ISI Thompson Reuters cu factor de impact în calitate de autor principal cu precizarea factorului de impact al revistei și linkul**

Nr	Titlu	IF
1	<p>Bjørklund G, <b>Doșa MD</b>, Maes M, Dadar M, Frye RE, Peana M, Chirumbolo S. <i>The impact of glutathione metabolism in autism spectrum disorder</i> Pharmacological Research 2021;166:105437            Autor corespondent  <a href="https://www.sciencedirect.com/science/article/abs/pii/S1043661821000207?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S1043661821000207?via%3Dihub</a>  <a href="https://drive.google.com/file/d/1oTJNya8tC_Nu94FOn8DU5O9qapb4WhSR/view?usp=sharing">https://drive.google.com/file/d/1oTJNya8tC_Nu94FOn8DU5O9qapb4WhSR/view?usp=sharing</a></p>	10.33 (Q1)
2	<p>El-Ansary A, Zayed N, Al-Ayadhi L, Qasem H, Anwar M, Meguid NA, Bhat RS, <b>Doșa MD</b>, Chirumbolo S, Bjørklund G. <i>GABA synaptopathy promotes the elevation of caspases 3 and 9 as pro-apoptotic markers in Egyptian patients with autism spectrum disorder</i> Acta Neurologica Belgica 2021;121(2):489-501            Autor corespondent  <a href="https://link.springer.com/article/10.1007/s13760-019-01226-z">https://link.springer.com/article/10.1007/s13760-019-01226-z</a>  <a href="https://drive.google.com/file/d/1czTJYnc2rOz3NO4FI-4CrIXH6ltueqQV/view?usp=drive_link">https://drive.google.com/file/d/1czTJYnc2rOz3NO4FI-4CrIXH6ltueqQV/view?usp=drive_link</a>            Publicație tip <b>Article</b></p>	1, 61 (Q4)
3	<p>Bjørklund G, Dadar M, <b>Doșa MD</b>, Chirumbolo S, Pen JJ. <i>Insights into the Effects of Dietary Omega-6/Omega-3 Polyunsaturated Fatty Acid (PUFA) Ratio on Oxidative Metabolic Pathways of Oncological Bone Disease and Global Health</i> Current Medicinal Chemistry 2021;28(9):1672-1682. Autor corespondent  <a href="https://www.eurekaselect.com/article/106153">https://www.eurekaselect.com/article/106153</a>  <a href="https://drive.google.com/file/d/1KCK9UAs0nA17uD4SMnUjndtwshCxyEXH/view?usp=drive_link">https://drive.google.com/file/d/1KCK9UAs0nA17uD4SMnUjndtwshCxyEXH/view?usp=drive_link</a></p>	4, 74 (Q1)
4	<p>Gasmi A, Mujawdiya PK, Shanaida M, Ongenae A, Lysiuk R, <b>Dosa MD</b>, Tsal O, Piscopo S, Chirumbolo S, Bjørklund G. <i>Calanus oil in the treatment of obesity-related low-grade inflammation, insulin resistance, and atherosclerosis</i> Applied Microbiology and Biotechnology 2020;104(3):967-979 Autor corespondent  <a href="https://link.springer.com/article/10.1007/s00253-019-10293-4">https://link.springer.com/article/10.1007/s00253-019-10293-4</a>  <a href="https://drive.google.com/file/d/18BsSQXKbcUi_vqV4Dhgo1KZwQ8XjrTtb/view?usp=drive_link">https://drive.google.com/file/d/18BsSQXKbcUi_vqV4Dhgo1KZwQ8XjrTtb/view?usp=drive_link</a></p>	3, 67 (Q2)
5	<p>Endreffy I, Bjørklund G, Urbina MA, Chirumbolo S, <b>Doșa MD</b>, Dicső F. <i>High Levels of Glycosaminoglycans in the Urines of Children with Attention-Deficit/Hyperactivity Disorder (ADHD)</i> Journal of Molecular Neuroscience 2020;70(7):1018-1025 Autor corespondent</p>	3,44 (Q1)

	<a href="https://link.springer.com/article/10.1007/s12031-020-01496-w">https://link.springer.com/article/10.1007/s12031-020-01496-w</a> <a href="https://drive.google.com/file/d/1HY6ahLj3Z1YXBLidVdAk68EquC2YAIQ3/view?usp=sharing">https://drive.google.com/file/d/1HY6ahLj3Z1YXBLidVdAk68EquC2YAIQ3/view?usp=sharing</a> Publicație tip <b>Article</b>	
6	Bjørklund G, Dadar M, Pivina L, <b>Doșa MD</b> , Semenova Y, Aaseth J. <i>The Role of Zinc and Copper in Insulin Resistance and Diabetes Mellitus</i> Current Medicinal Chemistry <b>2020</b> ;27(39):6643-6657. Autor corespondent <a href="https://www.eurekaselect.com/article/100573">https://www.eurekaselect.com/article/100573</a> <a href="https://drive.google.com/file/d/1Yi2T9D42QCXtbpRRXp8UYZUZc39RJ7k2/view?usp=drive_link">https://drive.google.com/file/d/1Yi2T9D42QCXtbpRRXp8UYZUZc39RJ7k2/view?usp=drive_link</a>	4, 53 (Q1)
7	Bjørklund G, Dadar M, Pivina L, <b>Doșa MD</b> , Semenova Y, Maes M. <i>Environmental, Neuro-immune, and Neuro-oxidative Stress Interactions in Chronic Fatigue Syndrome</i> . Molecular Neurobiology <b>2020</b> ;57(11):4598-4607. Autor corespondent <a href="https://link.springer.com/article/10.1007/s12035-020-01939-w">https://link.springer.com/article/10.1007/s12035-020-01939-w</a> <a href="https://drive.google.com/file/d/1_QH2EF9jVzELNwlQqmRMB_PV07FOJfCK/view?usp=drive_link">https://drive.google.com/file/d/1_QH2EF9jVzELNwlQqmRMB_PV07FOJfCK/view?usp=drive_link</a> Publicație tip <b>Article</b>	5,52 (Q1)
8	Bjørklund G, Chirumbolo S, Dadar M, Pen JJ, <b>Doșa MD</b> , Pivina L, Semenova Y, Aaseth J. <i>Insights on Nutrients as Analgesics in Chronic Pain</i> Current Medicinal Chemistry <b>2020</b> ;27(37):6407-6423. Autor corespondent <a href="https://www.eurekaselect.com/article/99583">https://www.eurekaselect.com/article/99583</a> <a href="https://drive.google.com/file/d/1YE5hhdiVwTorGgkVBfeMO_MiJLRyjrUZ/view?usp=drive_link">https://drive.google.com/file/d/1YE5hhdiVwTorGgkVBfeMO_MiJLRyjrUZ/view?usp=drive_link</a>	4.53 (Q1)
9	Jouybari L, Kiani F, Islami F, Sanagoo A, Sayehmiri F, Hosnedlova B, <b>Doșa MD</b> , Kizek R, Chirumbolo S, Bjørklund G. <i>Copper Concentrations in Breast Cancer: A Systematic Review and Meta-Analysis</i> Current Medicinal Chemistry <b>2020</b> ;27(37):6373-6383. Autor cu contribuție egală cu primul autor <a href="https://www.eurekaselect.com/article/100872">https://www.eurekaselect.com/article/100872</a> <a href="https://drive.google.com/file/d/19Dsn4C2p9dfFurvlydh7JK5uowG3UbcM/view?usp=sharing">https://drive.google.com/file/d/19Dsn4C2p9dfFurvlydh7JK5uowG3UbcM/view?usp=sharing</a>	4.53 (Q1)
10	Tătăranu LG, Georgescu AM, Buteică SA, Siloși I, Mogoșanu GD, Purcaru SO, Alexandru O, Stovicek OP, Brîndușa C, <b>Doșa M</b> , Taisescu CI, Dricu A. <i>Ligustrum Vulgare Hydroalcoholic extract induces apoptotic cell death in human primary brain tumor</i> Farmacia <b>2017</b> ;65(5):766-771. <a href="https://farmaciajournal.com/issue-articles/ligustrum-vulgare-hydroalcoholic-extract-induces-apoptotic-cell-death-in-human-primary-brain-tumour-cells/">https://farmaciajournal.com/issue-articles/ligustrum-vulgare-hydroalcoholic-extract-induces-apoptotic-cell-death-in-human-primary-brain-tumour-cells/</a>	1.50 (Q3)

	<a href="https://farmaciajournal.com/wp-content/uploads/2017-05-art-18-Tataranu_Buteica_Dricu_02_766-771.pdf">https://farmaciajournal.com/wp-content/uploads/2017-05-art-18-Tataranu_Buteica_Dricu_02_766-771.pdf</a> Autor cu contribuție egală cu primul autor Publicație tip <b>Article</b>	
11	<b>Doșa MD</b> , Hangan LT, Crauciuc E, Galeș C, Nechifor M. <i>Influence of Therapy with Metformin on the Concentration of Certain Divalent Cations in Patients with Non-Insulin- Dependent Diabetes Mellitus</i> Biological Trace Elements Research 2011;142:36-46. Autor principal <a href="https://link.springer.com/article/10.1007/s12011-010-8751-9">https://link.springer.com/article/10.1007/s12011-010-8751-9</a> <a href="https://drive.google.com/file/d/1rbVxHKIarY3CoMPo-D7xMyrZbvWTmB53/view?usp=sharing">https://drive.google.com/file/d/1rbVxHKIarY3CoMPo-D7xMyrZbvWTmB53/view?usp=sharing</a> Publicație tip <b>Article</b>	1.92

Factorul cumulat de impact pentru articolele publicate ca autor principal în reviste cotate ISI (FCIAP) și numărul de publicații de tip Article

<b>Criteriul</b>	<b>Standard minim obligatoriu CNATDCU conform OMECST nr. 6129/2016</b>	<b>Standard minim obligatoriu UOC, conform HCSUD/ HS 597/30.07 2025</b>	<b>Realizat</b>
Factor cumulat de impact autor principal (FCIAP)	10	11	46.32
Articole în extenso publicate în calitate de autor principal în reviste ISI/Reuters de tip article	-	5	5

**Criteriu îndeplinit:**

xDA      NU

2. Lista articolelor în extenso publicate în reviste cotate ISI Thompson Reuters cu factor de impact în calitate de coautor cu precizarea factorului de impact al revistei și linkul

Nr	Titlu	IF
1	Pazara L, Tudorache M, Dusa D, Bjørklund G, Dadar M, <b>Doșa MD</b> , Chirumbolo S, Cambrea C. <i>Prolonged alterations in red blood cell rheology following mild SARS-CoV-2 infection: Implications for microvascular health</i> <b>Clinical Immunology</b> 2025 Aug;277:110511. <a href="https://www.sciencedirect.com/science/article/abs/pii/S1521661625000865">https://www.sciencedirect.com/science/article/abs/pii/S1521661625000865</a> <a href="https://drive.google.com/file/d/1ti8IXk82LhI3MPbyxJScg8IxtXYfCprj/view?usp=drive_link">https://drive.google.com/file/d/1ti8IXk82LhI3MPbyxJScg8IxtXYfCprj/view?usp=drive_link</a>	3,8 (Q2)
2	Geir Bjørklund, Roman Lysiuk, Yuliva Semenova, Larysa Lenchyk, Natalia Dub, Monica Daniela Doșa, Tony Hangan. Herbal Substances with Antiviral Effects: Features and Prospects for the Treatment of Viral Diseases with Emphasis on Pro-Inflammatory Cytokines <b>Current Medicinal Chemistry</b> 2024; 31(4):393-409 <a href="https://www.sciencedirect.com/org/science/article/abs/pii/S0929867324000206">https://www.sciencedirect.com/org/science/article/abs/pii/S0929867324000206</a> <a href="https://drive.google.com/file/d/17Z1HNESkqPUse97GvIiwDUglVmTzubZ3/view?usp=sharing">https://drive.google.com/file/d/17Z1HNESkqPUse97GvIiwDUglVmTzubZ3/view?usp=sharing</a>	3.5 (Q2)
3	Pandolfi S, Chirumbolo S, Ricevuti G, Valdenassi L, Bjørklund G, Lysiuk R, <b>Doșa MD</b> , Lenchyk L, Fazio. <i>Home pharmacological therapy in early COVID-19 to prevent hospitalization and reduce mortality: Time for a suitable proposal</i> <b>Basic and Clinical Pharmacology and Toxicology</b> 2022 Feb;130(2):225-239. <a href="https://pmc.ncbi.nlm.nih.gov/articles/PMC9011697/">https://pmc.ncbi.nlm.nih.gov/articles/PMC9011697/</a> <a href="https://drive.google.com/file/d/1WYdqrTysAcgki2Z5_v6PK2wccHV5Ixf/view?usp=sharing">https://drive.google.com/file/d/1WYdqrTysAcgki2Z5_v6PK2wccHV5Ixf/view?usp=sharing</a>	3.1 (Q3)
5	Rezaei M, Błaszczuk M, Tinkov AA, Binkowski LJ, Mansouri B, Skalny A, Azadi N, Doșa MD, Bjørklund G. <i>Relationship between gestational diabetes and serum trace element levels in pregnant women from Eastern Iran: a multivariate approach</i> <b>Environmental Science Pollution Research</b> 2021 Sep;28(33):45230-45239. <a href="https://link.springer.com/article/10.1007/s11356-021-13927-1">https://link.springer.com/article/10.1007/s11356-021-13927-1</a> <a href="https://drive.google.com/file/d/1IKPW277eVfyLX3PlhRwEsLhb_PnymURh/view?usp=sharing">https://drive.google.com/file/d/1IKPW277eVfyLX3PlhRwEsLhb_PnymURh/view?usp=sharing</a>	5.190 (Q3)

6	<p>Samadi A, Isikhan SY, Tinkov AA, Lay I, <b>Dosa MD</b>, Skalny AV, Skalnaya MG, Chirumbolo S, Bjørklund G. <i>Zinc, copper, and oxysterol levels in patients with type 1 and type 2 diabetes mellitus</i> Clinical Nutrition 2019;39(6):1849-1856</p> <p><a href="https://www.clinicalnutritionjournal.com/article/S0261-5614(19)30308-5/abstract">https://www.clinicalnutritionjournal.com/article/S0261-5614(19)30308-5/abstract</a></p> <p><a href="https://drive.google.com/file/d/1940D1AYANNEVt-KALRpOJKYIJrpXreM7/view?usp=sharing">https://drive.google.com/file/d/1940D1AYANNEVt-KALRpOJKYIJrpXreM7/view?usp=sharing</a></p>	6.36 (Q1)
7	<p>Meguid NA, Bjørklund G, Gebril OH, <b>Doşa MD</b>, Anwar M, Elsaeid A, Gaber A, Chirumbolo S. <i>The role of zinc supplementation on the metallothionein system in children with autism spectrum disorder</i> Acta Neurologica Belgica 2019;119(4):577-583</p> <p><a href="https://www.clinicalnutritionjournal.com/article/S0261-5614(19)30308-5/abstract">https://www.clinicalnutritionjournal.com/article/S0261-5614(19)30308-5/abstract</a></p> <p><a href="https://drive.google.com/file/d/1_JRYffUIbSNs5IDD4TafKIzL9yMqtqDH/view?usp=sharing">https://drive.google.com/file/d/1_JRYffUIbSNs5IDD4TafKIzL9yMqtqDH/view?usp=sharing</a></p>	1.989 (Q4)
8	<p>Bjørklund G, Aaseth J, <b>Doşa MD</b>, Pivina L, Dadar M, Pen JJ, Chirumbolo S. <i>Does diet play a role in reducing nociception related to inflammation and chronic pain?</i> Nutrition 2019;66:153-165</p> <p><a href="https://www.sciencedirect.com/science/article/abs/pii/S0899900719300516?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S0899900719300516?via%3Dihub</a></p> <p><a href="https://drive.google.com/file/d/16v0blgTaY228yc-qmo8nJDou-KyIV1IA/view?usp=sharing">https://drive.google.com/file/d/16v0blgTaY228yc-qmo8nJDou-KyIV1IA/view?usp=sharing</a></p>	4.281 (Q2)
9	<p>Pivina L, Semenova Y, <b>Doşa MD</b>, Dauletyarova M, Bjørklund G. <i>Iron Deficiency, Cognitive Functions, and Neurobehavioral Disorders in Children</i> Journal of Molecular Neuroscience 2019; 68(1):1-10.</p> <p><a href="https://link.springer.com/article/10.1007/s12031-019-01276-1">https://link.springer.com/article/10.1007/s12031-019-01276-1</a></p> <p><a href="https://drive.google.com/file/d/1se0__xsBAJcqEYE3GQ4LkyctmPfq6KRz/view?usp=sharing">https://drive.google.com/file/d/1se0__xsBAJcqEYE3GQ4LkyctmPfq6KRz/view?usp=sharing</a></p>	2.678 (Q4)

<b>Criteriul</b>	<b>Standard minimal</b>	<b>Realizat</b>
Articole publicate în extenso în reviste ISI/Reuters în calitate de coautor	5	9

**Criteriu îndeplinit:**

**xDA**      **NU**

### **3. Indexul Hirsch**

<b>Criteriul</b>	<b>Standard minimal</b>	<b>Realizat</b>
Indexul Hirsch calculat utilizând ISI Web of Science, Core Collection, Thomson Reuters	6	11
<a href="https://www.webofscience.com/wos/author/record/510697">https://www.webofscience.com/wos/author/record/510697</a>		

**Criteriu îndeplinit:**

**xDA      NU**

**Confirm prin prezenta că datele menționate mai sus sunt reale și se referă la propria mea activitate profesională și științifică.**

**Data**

**16.12.2025**

**Conferențiar Universitar Dr. Monica Daniela Doșa**