



Anexa 2a

VERIFICARE ÎNDEPLINIRE STANDARDE MINIMALE

DA

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Director CSUD.....

FIȘA DE VERIFICARE

a îndeplinirii standardelor minime în vederea obținerii atestatului de abilitare
în cadrul I.O.S.U.D. Universitatea de Medicină și Farmacie "Carol Davila" București
Domeniile de doctorat: Medicină, Farmacie

I. Date despre candidat

Gradul didactic/de cercetare: Conferențiar

Nume: FĂTU (MATEI)

Prenume: CLARA-NICOLETA

1. Doctor în științe

DA

NU

Titlul tezei de doctorat: Porfirine și precursori porfirinici în patologia dermato-oncologică

Ordinul de confirmare: 4360 MD/ 30.07.2013

II. Date numerice privind îndeplinirea standardelor minime naționale, conform anexelor nr. 20 și 23 ale Ordinului Ministrului Educației Naționale și Cercetării Științifice nr. 6129/20.12.2016

1. Articole publicate în reviste cotate ISI în calitate de autor principal

criteriul	Standard minim	Realizat
Număr articole publicate în reviste cotate ISI în calitate de autor principal	10	30



Criteriu îndeplinit:

X DA NU

Lista articolelor ISI publicate în calitate de autor principal: autori, titlu articol, revistă, an, volum, pagini, factor de impact

- AP1. **Matei C**, Georgescu SR, Nicolae I, Ene CD, Mitran CI, Mitran MI, Tampa M. Variations of Thiol-Disulfide Homeostasis Parameters after Treatment with H1-Antihistamines in Patients with Chronic Spontaneous Urticaria. *J Clin Med.* 2021 Jul 2;10(13):2980. doi: 10.3390/jcm10132980. PMID: 34279464; PMCID: PMC8268347. (IF: 4.964)
- AP2. **Matei C**, Tampa M, Caruntu C, Ion R.M, Georgescu S.R., Dumitrascu G.R, Constantin C, Neagu M, Protein microarray for complex apoptosis monitoring of dysplastic oral keratinocytes in experimental photodynamic therapy. *Biological Research* 2014 47:33. doi:10.1186/0717-6287-47-33. (IF:1.480)
- AP3. **C. Matei**, M. Tampa, R.M. Ion, M. Neagu, C. Constantin – Photodynamic properties of aluminium sulphonated phthalocyanines in human dysplasic oral keratinocytes experimental model -Digest Journal of Nanomaterials and Biostructures (DJNB), ISSN 1842 – 3582, Vol. 7, No. 4, October -December 2012, pp. 1535-1547. (IF:1.092)
- AP4. Tampa M, Mitran CI, Mitran MI, Nicolae I, Dumitru A, **Matei C**, Manolescu L, Popa GL, Caruntu C, Georgescu SR. The Role of Beta HPV Types and HPV-Associated Inflammatory Processes in Cutaneous Squamous Cell Carcinoma. *Journal of Immunology Research.* 2020 Apr 6;2020:5701639. <https://doi.org/10.1155/2020/5701639> (IF: 4.818). (corresponding author)
- AP5. Tampa M, **Matei C**, Caruntu C, Poteca T, Mihaila D, Paunescu C, Pitigoi G, Georgescu SR, Constantin C, Neagu M. Cellular impedance measurement–novel method for in vitro investigation of drug efficacy, *Farmacia*, 2016 May 1;64(3):430-4. https://farmaciajournal.com/wp-content/uploads/2016-03-art-18-Clara_Matei_430-434.pdf (IF:1.348). (Corresponding author)
- AP6. Sarbu MI, Tampa M, **Matei C**, Mitran CI, Mitran MI, Pituru S, Pop CS, Saramet G, Georgescu SR. Infliximab Biosimilar Versus Methotrexate for The Treatment Of Moderate To Severe Psoriasis. *Farmacia.* 2017;65(6):962-7. https://farmaciajournal.com/wp-content/uploads/2017-06-art-22-Sarbu_Matei_Georgescu_962-967.pdf (corresponding author). (IF:1.507)



- AP7. Tampa M, Mitran CI, Mitran MI, Amuzescu A, **Matei C**, Georgescu SR. Ischemia-Modified Albumin-A Potential New Marker of Oxidative Stress in Dermatological Diseases. *Medicina (Kaunas)*. 2022 May 17;58(5):669. doi: 10.3390/medicina58050669. PMID: 35630086; PMCID: PMC9147831. (IF=2.6) (authors equally contributed)
- AP8. Tampa M, Georgescu SR, Mitran MI, Mitran CI, **Matei C**, Caruntu A, Scheau C, Nicolae I, Matei A, Caruntu C, Constantin C, Neagu M. Current Perspectives on the Role of Matrix Metalloproteinases in the Pathogenesis of Basal Cell Carcinoma. *Biomolecules*. 2021 Jun 17;11(6):903. doi: 10.3390/biom11060903. PMID: 34204372; PMCID: PMC8235174. (IF: 6.064) (equal contributions)
- AP9. Nicolae I, Tampa M, Mitran C, Ene CD, Mitran M, **Matei C**, Mușetescu A, Pițuru S, Pop CS, Georgescu SR. Gamma-glutamyl transpeptidase alteration as a biomarker of oxidative stress in patients with human papillomavirus lesions following topical treatment with sinecatechins. *Farmacia*. 2017;65(4):617:623. (IF: 1.507) (equal contributions)
- AP10. Mitran MI, Nicolae I, Tampa M, Mitran CI, Caruntu C, Sarbu MI, Ene CD, **Matei C**, Georgescu SR, Popa MI. Reactive Carbonyl Species as Potential Pro-Oxidant Factors Involved in Lichen Planus Pathogenesis. *MDPI Metabolites*. 2019 Oct;9(10):213.doi: 10.3390/metabo9100213. (IF: 4.097). (authors have equally contributed)
- AP11. Tampa M, Sarbu MI, Mitran MI, Mitran CI, **Matei C**, Georgescu SR. The Pathophysiological Mechanisms and the Quest for Biomarkers in Psoriasis, a Stress-Related Skin Disease. *Disease markers*. 2018;2018: 5823684. doi: 10.1155/2018/5823684. (IF:2.761) (equal contributions)
- AP12. Mitran CI, Nicolae I, Tampa M, Mitran MI, Caruntu C, Sarbu MI, Ene CD, **Matei C**, Ionescu AC, Georgescu SR, Popa MI. The Relationship between the Soluble Receptor for Advanced Glycation End Products and Oxidative Stress in Patients with Palmoplantar Warts. *Medicina (Kaunas)*. 2019 Oct 20;55(10):706. doi: 10.3390/medicina55100706. PMID: 31635193; PMCID: PMC6843152. (IF: 1.205) (authors have equally contributed)
- AP13. Georgescu SR, Mitran CI, Mitran MI, Nicolae I, **Matei C**, Ene CD, Popa GL, Tampa M. Oxidative Stress in Cutaneous Lichen Planus-A Narrative Review. *J Clin Med*. 2021 Jun 18;10(12):2692. doi: 10.3390/jcm10122692. (IF: 4.964) (equal contributions)
- AP14. Ene CD, Georgescu SR, Tampa M, **Matei C**, Mitran CI, Mitran MI, Penescu MN, Nicolae I. Cellular Response against Oxidative Stress, a Novel Insight into Lupus Nephritis Pathogenesis. *J Pers Med*. 2021 Jul 22;11(8):693. doi: 10.3390/jpm11080693. PMID: 34442337; PMCID: PMC8401250 (IF: 3.508) (equal contributions)



- AP15. Tampa M, Georgescu SR, Mitran CI, Mitran MI, **Matei C**, Scheau C, Constantin C, Neagu M. Recent Advances in Signaling Pathways Comprehension as Carcinogenesis Triggers in Basal Cell Carcinoma. *J Clin Med* 2020 Sep 18;9(9):E3010. <https://doi.org/10.3390/jcm9093010> (IF: 4.242) (equal contributions)
- AP16. Tampa M, Caruntu C, Mitran M, Mitran C, Sarbu I, Rusu LC, **Matei C**, Constantin C, Neagu M, Georgescu SR. Markers of Oral Lichen Planus Malignant Transformation. *Disease markers*. 2018; 2018 :1959506. doi: 10.1155/2018/1959506. (IF: 2.761) (equal contributions)
- AP17. Tampa M, Mitran MI, Mitran CI, Sarbu MI, **Matei C**, Nicolae I, Caruntu A, Tocut SM, Popa MI, Caruntu C, Georgescu SR. Mediators of Inflammation–A Potential Source of Biomarkers in Oral Squamous Cell Carcinoma. *Journal of Immunology Research*. 2018; 2018: 1061780. doi: 10.1155/2018/1061780. (IF:3.404). (equal contributions)
- AP18. Ene CD, Tampa M, Nicolae I, Mitran CI, Mitran MI, **Matei C**, Caruntu A, Caruntu C, Georgescu SR. Antiganglioside Antibodies and Inflammatory Response in Cutaneous Melanoma. *J Immunol Res*. 2020 Aug 13;2020:2491265. doi: 10.1155/2020/2491265 (IF: 4.818) (equal contributions)
- AP19. Georgescu SR, Mitran CI, Mitran MI, **Matei C**, Constantin C, Neagu M, Tampa M. Apprising Diagnostic and Prognostic Biomarkers in Cutaneous Melanoma-Persistent Updating. *J Pers Med*. 2022 Sep 14;12(9):1506. doi: 10.3390/jpm12091506. PMID: 36143291; PMCID: PMC9505119. (IF=3.4) (equal contributions)
- AP20. Tampa M, Nicolae I, Mitran CI, Mitran MI, Ene C, **Matei C**, Georgescu SR, Ene CD. Serum Sialylation Changes in Actinic Keratosis and Cutaneous Squamous Cell Carcinoma Patients. *J Pers Med*. 2021 Oct 15;11(10):1027. doi: 10.3390/jpm11101027. (IF: 3.508) (equal contributions)
- AP21. Georgescu SR, Mitran CI, Mitran MI, Caruntu C, Sarbu MI, **Matei C**, Nicolae I, Tocut SM, Popa MI, Tampa M. New Insights in the Pathogenesis of HPV Infection and the Associated Carcinogenic Processes: The Role of Chronic Inflammation and Oxidative Stress. *Journal of immunology research*. 2018;2018: 5315816. doi: 10.1155/2018/5315816. (IF:3.404). (equal contributions)
- AP22. Georgescu SR, Sârbu MI, **Matei C**, Ilie M, Caruntu C, Constantin C, Neagu M, Tampa M. Capsaicin: friend or foe in skin cancer and other related malignancies?. *Nutrients* 2017;9(12):1365. doi: 10.3390/nu9121365 (IF:4.196). (equal contributions)
- AP23. Simona Roxana Georgescu, Andreea Amuzescu, Cristina Iulia Mitran, Madalina Irina Mitran, **Clara Matei**, Carolina Constantin, Mircea Tampa, Monica Neagu. Effectiveness of



- Platelet-Rich Plasma Therapy in Androgenic Alopecia—A Meta-Analysis. *Journal of Personalized Medicine*. 2022; 12 (3):342. doi: 10.3390/jpm12030342 (IF: 3.4) (equal contributions)
- AP24. M. Tampa, C. Matei, S. Popescu, S.R. Georgescu, M. Neagu, C. Constantin, R.M. Ion Zinc trisulphonated phthalocyanine used in photodynamic therapy of dysplastic oral keratinocytes, *Rev. Chimie*, 2013, Vol. 64, no. 6, pp 639-645 (IF: 0.677) (equal contributions)
- AP25. Georgescu SR, Tampa M, Caruntu C, Sarbu MI, Mitran CI, Mitran MI, Matei C, Constantin C, Neagu M. Advances in Understanding the Immunological Pathways in Psoriasis. *International journal of molecular sciences* 2019;20(3):739. doi: 10.3390/ijms20030739 (Impact Factor:4.556) (equal contributions)
- AP26. Nicolae I, Tampa M, Ene CD, Mitran CI, Mitran MI, Sarbu MI, Matei C, Ene C, Georgescu SR. Correlations between related-purine derivatives and renal disorders in patients with psoriasis vulgaris. *Experimental and therapeutic medicine*. 2019;17(2):1012-9. doi: 10.3892/etm.2018. (IF:1.78) (All authors have equally contributed).
- AP27. Mitran MI, Nicolae I, Ene CD, Mitran CI, Matei C, Ene C, Tampa M, Georgescu SR. Relationship between gamma-glutamyl transpeptidase activity and inflammatory response in lichen planus. *Revista de Chimie*. 2018 Mar 1;69(3):739-43. doi.org/10.37358/RC.18.3.6189 (All authors have equally contributed). (IF:1.605)
- AP28. Georgescu SR, Ene CD, Nicolae IL, Mitran MA, Musetescu AL, Matei C, Rusu LC, Tampa M. Reflectometric analysis for identification of various pathological conditions associated with lichen planus. *Revista de Chimie*. 2017 May 1;68(5):1103-8. doi.org/10.37358/RC.17.5.5621 (IF:1.412). (equal contributions)
- AP29. Constantin MM, Bucur S, Matei C, Nita IE, Constantin C, The European Baseline Series in Romania: Results of Patch Testing in Contact Dermatitis and Determination of the Most Frequently Awareness in Adult Patients, *Rev Chim*. 70, No. 4, 2019 (IF: 1.755) (All authors equally contributed).
- AP30. Georgescu SR, Mitran CI, Mitran MI, Amuzescu A, Matei C, Tampa M. A Meta-Analysis on the Effectiveness of Sertaconazole 2% Cream Compared with Other Topical Therapies for Seborrheic Dermatitis. *J Pers Med*. 2022 Sep 19;12(9):1540. doi: 10.3390/jpm12091540. PMID: 36143325; PMCID: PMC9501484. (IF=3.4) (equal contributions)

2. Articole publicate în reviste cotate ISI în calitate de coautor



Criteriul	Standard minim	Realizat
Număr articole publicate în reviste cotate ISI în calitate de coautor	5	22

Criteriu îndeplinit:

X DA NU

Lista articolelor ISI publicate în calitate de coautor: autori, titlu articol, revistă, an, volum, pagini, factor de impact

- CA1. Popa GL, Mitran CI, Mitran MI, Tampa M, **Matei C**, Popa MI, Georgescu SR. Markers of Oxidative Stress in Patients with Acne: A Literature Review. *Life (Basel)*. 2023 Jun 23;13(7):1433. doi: 10.3390/life13071433. PMID: 37511808; PMCID: PMC10381563. (IF: 3.2)
- CA2. Ene CD, Nicolae I, Ene C, Tampa M, **Matei C**, Georgescu SR, Effects of tobacco alkaloids on the endocrine system, *Rev Chimie*, vol. 66, 2015, nr. 5, pp. 628-33. (IF:0.956)
- CA3. Mihaila D, Poteca TD, Poteca AG, **Matei C**, Ciuca I, Tampa M, The use of argon laser in medical treatment, *Rev Chimie*, vol. 65, nr. 3, 2014, pp: 369-71 (IF: 0.810)
- CA4. Oancea R, Bonte D, Podariu AC, Rosianu RS, Tampa M, **Matei C**, Evaluation of Salivary Biochemical Parameters in Caries Free and Caries Active Children, *Rev Chimie*, vol. 65, 2014, no. 10, pp. 1200-14 (IF:0.810)
- CA5. Kyu HH, Vongpradith A, Murray CJL, (**Matei C**), GBD 2019 LRI Collaborators. Age-sex differences in the global burden of lower respiratory infections and risk factors, 1990-2019: results from the Global Burden of Disease Study 2019. *Lancet Infect Dis*. 2022 Nov;22(11):1626-1647. doi: 10.1016/S1473-3099(22)00510-2. Epub 2022 Aug 11. PMID: 35964613; PMCID: PMC9605880. (IF: 56.3)
- CA6. Alvarez EM, Force LM, Gebremeskel TG (**Matei C**), GBD 2019 Adolescent Young Adult Cancer Collaborators. The global burden of adolescent and young adult cancer in 2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet Oncol*. 2022 Jan;23(1):27-52. doi: 10.1016/S1470-2045(21)00581-7. Epub 2021 Dec 3. PMID: 34871551; PMCID: PMC8716339. (IF: 51.1)
- CA7. Tran KB, Lang JJ, Murray CJL (**Matei C**), GBD 2019 Cancer Risk Factors Collaborators. The global burden of cancer attributable to risk factors, 2010-19: a systematic



analysis for the Global Burden of Disease Study 2019. *Lancet*. 2022 Aug 20;400(10352):563-591. doi: 10.1016/S0140-6736(22)01438-6. PMID: 35988567; PMCID: PMC9395583. (IF: 168.9)

CA8. Ikuta KS, Swetschinski LR, Naghavi M (**Matei C**), GBD 2019 Antimicrobial Resistance Collaborators. Global mortality associated with 33 bacterial pathogens in 2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet*. 2022 Dec 17;400(10369):2221-2248. doi: 10.1016/S0140-6736(22)02185-7. Epub 2022 Nov 21. PMID: 36423648; PMCID: PMC9763654. (IF: 168.9)

CA9. Rosianu RS, Podariu AC, **Matei C**, Tampa M, Oancea R, Investigation of a Hydroxyapatite/tri-calcium-phosphate Scaffold as Carrier for Mesenchymal Stem Cells in Alveolar Bone Regeneration, *Rev Chimie*, vol. 65, 2014, nr. 9, pp. 1049-51. (IF:0.810)

CA10. Georgescu SR, Ene CD, Tampa M, **Matei C**, Benea V, Nicolae I. Oxidative stress-related markers and alopecia areata through latex turbidimetric immunoassay method. *Materiale Plastice*. 2016 Sep 1;53(3):522-6. (IF: 0.778)

CA11. Georgescu SR, Tampa M, Mitran CI, Mitran MI, Caruntu C, Caruntu A, Lupu M, **Matei C**, Constantin C, Neagu M. Tumour Microenvironment in Skin Carcinogenesis. *Adv Exp Med Biol*. 2020;1226:123-142. doi: 10.1007/978-3-030-36214-0_10. PMID: 32030681. (IF: 2.622)

CA12. Surcel M, Caruntu C, Tampa M, **Matei C**, Pituru S, Georgescu SR, Constantin C, Zurac S, Neagu M. Adrenergic Modulation of Melanoma Cells Proliferation. *Farmacia*. 2018 Sep 1;66(5):820-5. doi: 10.31925/farmacia.2018.5.11 (IF:1.527)

CA13. Georgescu SR, Mitran CI, Mitran MI, **Matei C**, Popa GL, Erel O, Tampa M. Thiol-Disulfide Homeostasis in Skin Diseases. *J Clin Med*. 2022 Mar 9;11(6):1507. doi: 10.3390/jcm11061507. PMID: 35329832; PMCID: PMC8954849. (IF=3.9)

CA14. Tampa M, Nicolae I, Ene CD, Sarbu I, **Matei C**, Georgescu SR. Vitamin C and Thiobarbituric Acid Reactive Substances (TBARS) in Psoriasis Vulgaris Related to Psoriasis Area Severity Index (PASI). <https://doi.org/10.37358/RC.17.1.5385> *Rev. Chim. (Bucharest)* 2017;68(1):43-7. (IF:1.412).

CA15. Pop CS, Filip PV, Diaconu SL, **Matei C**, Furtunescu F. Correlation of Biomarkers with Endoscopic Score: Ulcerative Colitis Endoscopic Index of Severity (UCEIS) in Patients with Ulcerative Colitis in Remission. *Medicina (Kaunas)*. 2020 Dec 31;57(1):31. doi: 10.3390/medicina57010031. PMID: 33396524; PMCID: PMC7823820. (IF 2021: 2.430)



- CA16. Matei AM, Caruntu C, Tampa M, Georgescu S, **Matei C**, Constantin MM, Constantin T, Calina D, Ciubotaru D, Badarau I, Scheau C, Caruntu A. Applications of Nanosized-Lipid-Based Drug Delivery Systems in Wound Care. <https://doi.org/10.3390/app11114915> *Applied Sciences*.2021; 11 (11):4915. (IF: 2.838)
- CA17. Constantin MM, Nita IE, Olteanu R, Constantin T, Bucur S, **Matei C**, Raducan A. Significance and impact of dietary factors on systemic lupus erythematosus pathogenesis. *Exp Ther Med*. 2019 Feb;17(2):1085-1090. doi: 10.3892/etm.2018.6986. PMID: 30679978; PMCID: PMC6327661. (IF: 1.785)
- CA18. Fildan AP, Arghir AI, Popescu GG, **Matei C**, Nemes RM, Tofolean D, Dantes E, Pop CS, Cambrea SC. The prevalence and spectrum of Mycobacterium tuberculosis chemoresistance among TB patients, *Farmacia*, 2018 Vol. 68, 1. 129-134 <https://doi.org/10.31925/farmacia.2020.1.18> (IF: 1.527)
- CA19. Ene, CD; Ceausu, E; Nicolae, I; Tampa, M; **Matei, C**; Georgescu, SR Ultraviolet Radiation, Vitamin D and Autoimmune Disorders, *Revista de Chimie*, 66 (7), 2015, 1068-1071 (IF: 0.956)
- CA20. Neagu M, Constantin C, Tampa M, **Matei C**, Lupu A, Manole E, Ion RM, Fenga C, Tsatsakis AM. Toxicological and efficacy assessment of post-transition metal (Indium) phthalocyanine for photodynamic therapy in neuroblastoma. *Oncotarget*. 2016 Oct 25;7(43):69718. doi: 10.18632/oncotarget.11942 (IF:5.168)
- CA21. Tampa M, Sarbu MI, **Matei C**, Mitran CI, Mitran MI, Caruntu C, Constantin C, Neagu M, Georgescu SR. Photodynamic therapy: A hot topic in dermato-oncology. *Oncol Lett*. 2019 May;17(5):4085-4093. doi: 10.3892/ol.2019.9939. Epub 2019 Jan 16. PMID: 30944601; PMCID: PMC6444307. (IF:2.311)
- CA22. Georgescu SR, Tampa M, Mitran MI, Mitran CI, Sarbu MI, Nicolae I, **Matei C**, Caruntu C, Neagu M, Popa MI. Potential pathogenic mechanisms involved in the association between lichen planus and hepatitis C virus infection. *Experimental and Therapeutic Medicine*. 2019;17(2):1045-1051. doi: 10.3892/etm.2018.6987 (IF:1.78)

3. Factorul cumulat de impact pentru articolele publicate ca autor principal în reviste cotate ISI (FCIAP)

Criteriul	Standard minim	Realizat
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"CAROL DAVILA" din BUCUREȘTI



(ISI) Factor cumulat de impact autor principal	10	90.23
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Criteriu îndeplinit:

X DA NU

4. Indexul Hirsch

Criteriul	Standard minim	Realizat
Index Hirsch	6	21

Criteriu îndeplinit:

X DA NU

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

Data

12.02.2024

Semnătura candidatului

Note asupra metodei de calcul:

1. O revistă cotate ISI este o revistă pentru care Thomson Reuters calculează și publică factorul de impact în „Journal Citation Reports”;
2. Autorul sau autorii principali ai unei publicații se consideră a fi oricare dintre următorii:
 - a. Primul autor
 - b. Autorul corespondent
 - c. Alți autori, a căror contribuție este indicată explicit în cadrul publicației a fi egală cu contribuția primului autor sau a autorului corespondent
 - d. Ultimul autor
3. În analiză vor fi incluse articole originale și reviews. În cazul publicațiilor în reviste cu factor de impact mai mare decât 3, pot fi luate în considerare și alte tipuri de publicații in extenso (nu rezumate).



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4. Articolele din cadrul standardelor minimale și obligatorii trebuie să fie **publicate și indexate**, nu în curs de publicare (nu se acceptă adevărîțe).
5. Factorul cumulat de impact va fi calculat pentru articolele la care candidatul este autor principal (FCIAP). FCIAP = suma factorilor de impact ai articolelor publicate de autor în calitate de autor principal în reviste cotate ISI; **factorul de impact se calculează la data apariției articolului.**
6. Va fi luat în considerare Indexul Hirsch calculat utilizând ISI Web of Science, Core Collection, Thomson Reuters, pentru întreaga carieră a candidatului („all years”);