**Listă completă de lucrări – Marcovici Iasmina**

1. **Titlul tezei de doctorat (în curs 2020-pezent):** „O nouă abordare în tratamentul melanomului malign: utilizarea nanoparticulelor din melanină ca sisteme de transport la țintă a compușilor naturali cu efect antitumoral”
2. **Articole publicate in extenso**

a) Articole în reviste cotate ISI cu factor de impact

1. Racea RC, Macasoi IG, Dinu S, Pinzaru I, **Marcovici I**, et al. Eugenol: In Vitro and In Ovo Assessment to Explore Cytotoxic Effects on Osteosarcoma and Oropharyngeal Cancer Cells. Plants (Basel). 2023;12(20):3549. Published 2023 Oct 12. doi:10.3390/plants12203549. **FI = 4.5**
2. Fiat F, Niculescu B, Roi A, Rivis M, Anton A, **Marcovici I**, et al. IN VITRO CHARACTERIZATION OF THE CYTOTOXIC PROFILE OF LIDOCAINE ON A-375 CUTANEOUS MELANOMA CELLS AND HACAT KERATINOCYTES. FARMACIA, 2023, Vol. 71, 4. doi: 10.31925/farmacia.2023.4.23. **FI = 1.6**
3. Ionita I, Malita D, Dehelean C, Olteanu E, **Marcovici I**, et al. Experimental Models for Rare Melanoma Research-The Niche That Needs to Be Addressed. *Bioengineering (Basel)*. 2023;10(6):673. Published 2023 Jun 1. doi:10.3390/bioengineering10060673. **FI = 4.6**
4. Gag O, Dinu Ș, Manea H, **Marcovici I\***, et al. UVA/UVB Irradiation Exerts a Distinct Phototoxic Effect on Human Keratinocytes Compared to Human Malignant Melanoma Cells. *Life (Basel)*. 2023;13(5):1144. Published 2023 May 8. doi:10.3390/life13051144. **FI = 3.2**
5. Iliescu D, **Marcovici I\***, et al. [IN VITRO EVALUATION OF ALPHA-TOCOPHEROL AS POTENTIAL AGENT IN COMBATING THE HEPATOTOXICITY INDUCED BY ETHINYLESTRADIOL](https://1210qef3p-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001025500200011). FARMACIA, 2023, Vol. 71, 3. doi: 10.31925/farmacia.2023.3.11. **FI = 1.6 (2022)**
6. Dehelean CA, Coricovac D, Pinzaru I, **Marcovici I**, et al. Rutin bioconjugates as potential nutraceutical prodrugs: An *in vitro* and *in ovo* toxicological screening. *Front Pharmacol*. 2022;13:1000608. Published 2022 Sep 23. doi:10.3389/fphar.2022.1000608. **FI = 5.6**
7. Rednic R, **Marcovici I**, Dragoi R, et al. In Vitro Toxicological Profile of Labetalol-Folic Acid/Folate Co-Administration in H9c2(2-1) and HepaRG Cells. *Medicina (Kaunas)*. 2022;58(6):784. Published 2022 Jun 10. doi:10.3390/medicina58060784. **FI = 2.6**
8. **Marcovici I**, Coricovac D, Pinzaru I, et al. Melanin and Melanin-Functionalized Nanoparticles as Promising Tools in Cancer Research-A Review. *Cancers (Basel)*. 2022;14(7):1838. Published 2022 Apr 6. doi:10.3390/cancers14071838. **FI = 5.2**
9. Dinu S, Craciunescu EL, Macasoi I, Chioran D, Rivis M, Vlad D, Milutinovici RA, **Marcovici I**, et al. Toxicological Assessment of an Acrylic Removable Orthodontic Appliance Using 2D and 3D In Vitro Methods. *Materials (Basel)*. 2022;15(3):1193. Published 2022 Feb 4. doi:10.3390/ma15031193. **FI = 3.4**
10. Bratu LM, **Marcovici I**, et al. [*IN VITRO* INSIGHTS REGARDING THE ROLE OF MELANIN IN MELANOMA CELLS' RESPONSE TO BETULINIC ACID TREATMENT](https://1210qef3p-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000767296200002). FARMACIA, 2022, Vol. 70, 1. doi: 10.31925/farmacia.2022.1.2. **FI = 1.6**
11. Dolghi A, Buzatu R, Dobrescu A, Olaru F, Popescu GA, **Marcovici I**, et al. Phytochemical Analysis and In Vitro Cytotoxic Activity against Colorectal Adenocarcinoma Cells of *Hippophae rhamnodies* L., *Cymbopogon citratus* (D.C.) Stapf, and *Ocimum basilicum* L. Essential Oils. *Plants (Basel)*. 2021;10(12):2752. Published 2021 Dec 14. doi:10.3390/plants10122752. **FI = 4.658**
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13. Bociort F, Macasoi IG, **Marcovici I\***, et al. Investigation of Lupeol as Anti-Melanoma Agent: An In Vitro-In Ovo Perspective. *Curr Oncol*. 2021;28(6):5054-5066. Published 2021 Dec 2. doi:10.3390/curroncol28060425. **FI = 3.109**
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15. Blidisel A†, **Marcovici I**†, Coricovac D, Hut F, Dehelean CA, Cretu OM. Experimental Models of Hepatocellular Carcinoma-A Preclinical Perspective. *Cancers (Basel)*. 2021;13(15):3651. Published 2021 Jul 21. doi:10.3390/cancers13153651. **FI = 6.575**
16. Pana RD, Dehelean C, Pinzaru I, **Marcovici I**, et al. [CHALLENGES AND LIMITATIONS IN DEVELOPING AN ANIMAL MODEL OF EPIDERMOLYSIS BULLOSA ACQUISITA: A MINIREVIEW](https://1210qef3p-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000687039600004). FARMACIA, 2021, Vol. 69, 4. 10.31925/farmacia.2021.4.4. **FI = 1.55**
17. Pârvănescu Pană RD, Watz CG, Moacă EA, Vlaia L, **Marcovici I**, et al. Oleogel Formulations for the Topical Delivery of Betulin and Lupeol in Skin Injuries-Preparation, Physicochemical Characterization, and Pharmaco-Toxicological Evaluation. *Molecules*. 2021;26(14):4174. Published 2021 Jul 9. doi:10.3390/molecules26144174. **FI = 4.927**
18. Guran K, Buzatu R, Pinzaru I, Boruga M, **Marcovici I**, Coricovac D, Avram S, Poenaru M, Susan M, Susan R, et al. In Vitro Pharmaco-Toxicological Characterization of *Melissa officinalis* Total Extract Using Oral, Pharynx and Colorectal Carcinoma Cell Lines. Processes. 2021; 9(5):850. [doi: 10.3390/pr9050850](https://doi.org/10.3390/pr9050850). **FI = 3.352**
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23. Pinzaru I, Tanase A, Enatescu V, Coricovac D, Bociort F, **Marcovici I**, et al. Proniosomal Gel for Topical Delivery of Rutin: Preparation, Physicochemical Characterization and In Vitro Toxicological Profile Using 3D Reconstructed Human Epidermis Tissue and 2D Cells. *Antioxidants (Basel)*. 2021;10(1):85. Published 2021 Jan 10. doi:10.3390/antiox10010085. **FI = 7.675**
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27. Farcas CG, Moaca EA, Dragoi R, Berceanu Vaduva D, **Marcovici I**, et al. [Preliminary Results of Betulinic Acid-Loaded Magnetoliposomes - a Potential Approach to Increase Therapeutic Efficacy in Melanoma](https://1210qef3p-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000489958900059). REV.CHIM. (Bucharest), 70, No. 9, 2019. **FI = 1.755**
28. **Lucrări/studii publicate în rezumat**
29. **Iasmina Marcovici**, Iulia Pinzaru, Cristina Dehelean. Studiu in vitro al nanoparticulelor din melanină ca nouă opțiune pentru tratamentul melanomului cutanat (2023). Farmacia azi: de la tradiție la interdisciplinaritate și inteligență artificială (Congresul Național de Farmacie). ISBN 978-606-075-203-5. pag. 278
30. Dorina Coricovac, Iulia Pinzaru, **Iasmina Marcovici**, et al. Betulinic acid formulated as proniosomal gel – a promising candidate for skin cancer management. Toxicology Letters 368S1 (2022) S84–S283, pp. S195.
31. **Iasmina Marcovici**, Iulia Pînzaru, Dorina Coricovac, Ioana Macașoi, Cristina Dehelean. Targeted Treatment of Cutaneous Malignant Melanoma Using Nanoparticles as Drug Delivery Systems (2023). Tehnici curente de obtinere, caracterizare si testare a resurselor vegetale si produselor derivate: rezumate manifestari in cadrul proiectului CNFIS-FDI-2022-0484 ”Implementarea de tehnici moderne pentru dezvoltarea continua a bazei de practica in domeniul produselor vegetale medicinale a UMF ”Victor Babes” Timisoara. ISBN 978-606-786-300-0.
32. **Iasmina Marcovici**, Dorina Coricovac, Iulia Pînzaru, Ioana Macașoi, Cristina Dehelean. Current Perspectives Regarding the Influence of Melanin on the Behavior of Cutaneous Malignant Melanoma (2023). Tehnici curente de obtinere, caracterizare si testare a resurselor vegetale si produselor derivate: rezumate manifestari in cadrul proiectului CNFIS-FDI-2022-0484 ”Implementarea de tehnici moderne pentru dezvoltarea continua a bazei de practica in domeniul produselor vegetale medicinale a UMF ”Victor Babes” Timisoara. ISBN 978-606-786-300-0.
33. Andreea Kis, **Iasmina Marcovici**, Lavinia Vlaia. Insights into the Effectiveness of Nigella sativa sp. as Therapeutic Option in the Treatment of Colorectal Carcinoma (2023). Tehnici curente de obtinere, caracterizare si testare a resurselor vegetale si produselor derivate: rezumate manifestari in cadrul proiectului CNFIS-FDI-2022-0484 ”Implementarea de tehnici moderne pentru dezvoltarea continua a bazei de practica in domeniul produselor vegetale medicinale a UMF ”Victor Babes” Timisoara. ISBN 978-606-786-300-0.
34. Cristina Grosu, **Iasmina Marcovici**, Cristina Dehelean. Evaluation of Soybean (Glycine max L.) Phytoestrogens as Active Compounds in Breast Cancer Prevention and Treatment (2023). Tehnici curente de obtinere, caracterizare si testare a resurselor vegetale si produselor derivate: rezumate manifestari in cadrul proiectului CNFIS-FDI-2022-0484 ”Implementarea de tehnici moderne pentru dezvoltarea continua a bazei de practica in domeniul produselor vegetale medicinale a UMF ”Victor Babes” Timisoara. ISBN 978-606-786-300-0.
35. **Iasmina Marcovici**, Dorina Coricovac, Iulia Pînzaru, Ioana Macașoi, Cristina Dehelean. Plants Extracts as Active Ingredients in Topical Formulations with Photoprotective Properties (2021). Plante medicinale intre natura si sanatate: rezumate manifestari in cadrul proiectului CNFIS-FDI-2021-0498 ”Dezvoltarea bazei de practica in domeniul plantelor medicinale a Universitatii de Medicina si Farmacie ”Victor Babes” Timisoara”. ISBN 978-606-786-253-9.
36. Ioana Macasoi, Dorina Coricovac, **Iasmina Marcovici**, Iulia Pinzaru, Cristina Dehelean. Supernatural: a new approach to natural compounds to target mitochondria in antitumor therapy (2021). Plante medicinale intre natura si sanatate: rezumate manifestari in cadrul proiectului CNFIS-FDI-2021-0498 ”Dezvoltarea bazei de practica in domeniul plantelor medicinale a Universitatii de Medicina si Farmacie ”Victor Babes” Timisoara. ISBN 978-606-786-253-9.
37. Ioana Macasoi, Dorina Coricovac, **Iasmina Marcovici**, Iulia Pinzaru, Cristina Dehelean. Oleanolic acid derivatives as pharmacological importance in the treatment of cancer (2021). Plante medicinale intre natura si sanatate: rezumate manifestari in cadrul proiectului CNFIS-FDI-2021-0498 ”Dezvoltarea bazei de practica in domeniul plantelor medicinale a Universitatii de Medicina si Farmacie ”Victor Babes” Timisoara”. ISBN 978-606-786-253-9.
38. **Iasmina Marcovici**, Dorina Coricovac, Iulia Pinzaru, Cristina Dehelean. Melanin-Pharmacological Properties and Cosmetic Use. 2020. Produsele dermato-cosmetice ca formulare: testarea sigurantei produselor cosmetice: volum de rezumate editat in cadrul manifestarilor stiintifice derulate in baza proiectului CNFIS-FDI-2019-0393 ”Centru de dezvoltare profesionala in domeniul produselor dermato-cosmetice pe baza de plante medicinale”. Timisoara: Editura Victor Babes. ISBN 978-606-786-155-6.
39. **Iasmina Marcovici**, Iulia Pinzaru, Ioana Macasoi, Dorina Coricovac, Cristina Dehelean. Methods for Assesing the Photoprotective Activity of Sunscreen Products Containing Plant-Derived Molecules as Active Ingredients. 2020. Aplicatii ale metodelor experimentale in analiza produselor cosmetice cu principii active: volum de rezumate editat in cadrul manifestarilor stiintifice derulate in baza proiectului CNFIS-FDI-2019-0393 ”Centru de dezvoltare profesionala in domeniul produselor dermato-cosmetice pe baza de plante medicinale”. Timisoara: Editura Victor Babes. ISBN 978-606-786-156-3.
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41. Dorina Coricovac, Aymen Barkaoui, **Iasmina Marcovici**, Ramona Gurila, Ioana Macasoi, Iulia Pinzaru, Cristina Dehelean. An overview on skin lightening agents’ noxious effects. 2020. Produsele dermato-cosmetice ca formulare: testarea sigurantei produselor cosmetice: volum de rezumate editat in cadrul manifestarilor stiintifice derulate in baza proiectului CNFIS-FDI-2019-0393 ”Centru de dezvoltare profesionala in domeniul produselor dermato-cosmetice pe baza de plante medicinale”. Timisoara: Editura Victor Babes. ISBN 978-606-786-155-6.