



Ioana-Gabriela Macașoi

Date of birth: 18/02/1993

Nationality: Romanian

Gender: Female

CONTACT

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300041
Timișoara, Romania (Work)

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WORK EXPERIENCE

2022 - CURRENT

Lecturer

"Victor Babes" University of Medicine and Pharmacy

- achievement of materials for 4th and 5th year students
- supporting practical laboratory work in the field of toxicology, drug industry, management and legislation
- research activity

2018 - 2022 - Timisoara, Romania

University assistant

"Victor Babes" University of Medicine and Pharmacy

- achievement of materials for 4th and 5th year students
- supporting practical laboratory work in the field of toxicology, drug industry, management and legislation
- research activity

Department Department of Toxicology, Drug Industry, Management and Legislation | **Address** Timișoara, Romania

2017 - 07/2018 - Timisoara, Romania

External collaborator

"Victor Babes" University of Medicine and Pharmacy

- achievement laboratory materials
- supporting seminar papers on pharmaceutical terminology and homeopathic and veterinary medicines
- research activity

Department Department of Toxicology, Drug Industry, Management and Legislation | **Address** Timișoara, Romania

2017 - 2017 - Timisoara, Romania

"Victor Babes" University of Medicine and Pharmacy

University of Medicine and Pharmacy, Victor Babes

- supporting practical laboratory work in the field of toxicology
- research activity

Department Department of Toxicology, Drug Industry, Management and Legislation | **Address** Timișoara, Romania

2013 - 2014 - Romania

National coordinator of the Image and Publications department

Romanian Federation of Pharmacist Students (Romania)

Address Romania

2012 - 2014 - Romania

Image and Publications Department Coordinator

Pharmacist Students League from Timișoara

Address Timișoara, Romania

EDUCATION AND TRAINING

2017 – 2021 – Timișoara, Romania

● **PhD Degree (Order of the Minister of Education No. 5610 of 19.11.2021)**

"Victor Babes" University of Medicine and Pharmacy

Address Timișoara, Romania

2018 – 2019

● **Certificate of graduation of psycho-pedagogical studies for level I and II certification for the teaching profession (certificate level I - series Ae, no. 0021545, certificate level II - series Ae, no. 0021615)**

Department for Teacher Training, West University of Timisoara

2012 – 2017 – Timișoara, Romania

● **Pharmacist**

University of Medicine and Pharmacy, Victor Babes, Timisoara

Address Timișoara, Romania

LANGUAGE SKILLS

MOTHER TONGUE(S): Romanian

OTHER LANGUAGE(S):

Engleză

Listening
B2

Reading
B2

**Spoken
production**
B2

**Spoken
interaction**
B2

Writing
B2

DIGITAL SKILLS

My Digital Skills

AngioQuant / Microsoft Word / Microsoft Excel / Power Point / Microsoft Office / Adobe Creative Cloud: Acrobat DC, Lightroom, Photoshop / Image processing: ImageJ, Avizo, Inkscape, GIMP. / Discovery Studio / Interactive presentations (Prezi)

CONFERENCES AND SEMINARS

● **Conferences and seminars**

- National Congress of Pharmacist Students, Cluj-Napoca, April 1-5, 2015, The effects of betulin and acid betulin on melanoma on the chorioallantoic membrane, Volume of abstracts, p 28
- National Congress of Pharmacist Students, Bucharest, April 5-9, 2017, The impact of some triterpene compounds on the process of mesenchymal epithelial transition in vitro, Abstract brochure, p 54
- I.Z. Pavel, O.M. Duicu, I. Macasoi, C. Dehelean, R. Csuk, D.M. Muntean. The Acute and Chronic Effects Of A Benzylamide Derivative Of Maslinic Acid In Liver Mitochondria Isolated from Mice With Chemically Induced Skin Carcinogenesis. WISE3 Conference in Szeged, COST ACTION MitoEAGLE, Action number: CA15203, 26-27.03.2018, Szeged, Hungary
- I. Macașoi, I.Z. Pavel, A. Mioc, D. Coricovac, R. Csuk, C.A. Dehelean, D. Muntean. Characterization of the Effects of An Oleanolic Acid-Rhodamine B Derivative on Mitochondrial Respiration of Human Keratinocytes. Days of the University of Medicine and Pharmacy "Victor Babeș" Timișoara, December 2018, Timișoara

PROJECTS

● Investigation concerning the mechanism of action of oleanolic acid derivative conjugated with Rhodamine B.

Research grant no. 2DOC / 2020

Project director: Macasoio Ioana-Gabriela.

ORGANISATIONAL SKILLS

● Organizational skills

- experience of leading a team having been responsible in the past for organizing a team at national level
- the ability to work in national and international multidisciplinary teams
- spirit of observation, seriousness

● Activities specific to the academic environment:

- Member of the DEACE Commission of UMFVBT (2022-present)
- Member of the admission/license committees at the Faculty of Pharmacy and the competition committees for employment/promotion in academic positions (from 2019 - present)

COMMUNICATION AND INTERPERSONAL SKILLS

● Communication and interpersonal skills

- Very good communication skills, ability to assimilate new information and practical skills, team spirit, ability to synthesize and analyze
- Coordination skills, spirit of evaluation and improvement, capacity for self-improvement, ability to work in a team

SKILLS ACQUIRED IN THE WORKPLACE

● Skills acquired in the workplace

Interdisciplinary scientific research activity - research areas of interest:

- Evaluation of natural compounds with antitumor action
- In vitro studies on tumor and healthy cell lines: cell viability. Cellular (MTT assay, Alamar Blue), immunofluorescence, cell respiration studies by high resolution respirometry using Oxygraph-2k Oroboros Ltd
- In ovo angiogenesis studies using the chorioallantoic membrane



List of Publications

PhD THESIS

TITLE - INVESTIGATIONS CONCERNING THE MECHANISMS OF ACTION OF FUNCTIONALIZED TRITERPENOIDS, 2021, Scientific Coordinator: Prof. Univ. Dr. Victor Dumitrașcu,

ARTICLES PUBLISHED IN EXTENSO

ARTICLES IN ISI QUOTED JOURNALS

1. Flavia Bociort†, **Ioana Gabriela Macasoï†**, Iasmina Marcovici*, Andrei Motoc, Cristina Grosu, Iulia Pinzaru, Crina Petean, Stefana Avram and Cristina Adriana Dehelean. *Investigation of Lupeol as Anti-Melanoma Agent: An In Vitro-In Ovo Perspective*. Curr. Oncol. 2021, 28, 5054–5066. <https://doi.org/10.3390/currenocol28060425>
2. Stefania Dinu†, Roxana Buzatu†, **Ioana Macasoï***, Malina Popa*, Cristian Sebastian Vlad, Iasmina Marcovici, Iulia Pinzaru, Cristina Adriana Dehelean, Elena-Alina Moaca, Lucian Barbu-Tudoran and Marius Pricop. *Toxicological Profile of Biological Environment of Two Elastodontic Devices*. Processes 2021, 9, 2116. <https://doi.org/10.3390/pr9122116>
3. Kazakova Oxana, Codruța Șoica, Marat Babaev, Anastasiya Petrova, Elmira Khusnutdinova, Alexander Poptsov, **Ioana Macașoï**, George Drăghici, Ștefana Avram, Lavinia Vlaia, Alexandra Mioc, Marius Mioc, Cristina Dehelean, and Adrian Voicu. 2021. *3-Pyridinylidene Derivatives of Chemically Modified Lupane and Ursane Triterpenes as Promising Anticancer Agents by Targeting Apoptosis*. International Journal of Molecular Sciences 22, no. 19: 10695. <https://doi.org/10.3390/ijms221910695>
4. Milutinovici Raluca-Adriana, Doina Chioran, Roxana Buzatu, **Ioana Macasoï***, Susan Razvan, Raul Chioibas, Ion V. Corlan, Alina Tanase, Calniceanu Horia, Ramona A. Popovici, Stefania Dinu, Cristina Dehelean, Alexandra Scurtu, Iulia Pinzaru, and Codruta Soica. 2021. *Vegetal Compounds as Sources of Prophylactic and Therapeutic Agents in Dentistry*. Plants 10, no. 10: 2148. <https://doi.org/10.3390/plants10102148>
5. Kazakova Oxana, Alexandra Mioc, Irina Smirnova, Irina Baikova, Adrian Voicu, Lavinia Vlaia, **Ioana Macașoï**, Marius Mioc, George Drăghici, Ștefana Avram, Cristina Dehelean, and Codruța Șoica. 2021. *Novel Synthesized N-Ethyl-Piperazinyl-Amides of C2-Substituted Oleanonic and Ursonic Acids Exhibit Cytotoxic Effects through Apoptotic Cell Death Regulation*. International Journal of Molecular Sciences 22, no. 20: 10967. <https://doi.org/10.3390/ijms222010967>
6. Ramona Daniela Pârvănescu (Pană), Claudia-Geanina Watz, Elena-Alina Moacă, Lavinia Vlaia, Iasmina Marcovici, **Ioana Gabriela Macasoï**, Florin Borcan, Ioana Olariu, Coneac, George-Andrei Drăghici, Zorin Crăiniceanu, Daniela Flondor (Ionescu), Alexandra

- Enache and Cristina Adriana Dehelean. *Oleogel Formulations for the Topical Delivery of Betulin and Lupeol in Skin Injuries—Preparation, Physicochemical Characterization, and Pharmacotoxicological Evaluation*. *Molecules*. 2021;26(14): 4174. doi: 10.3390/molecules26144174
7. Emil-Florin Hut, Matilda Radulescu¹, Nicolae Pilut, **Ioana Macasoï***, Delia Berceanu, Dorina Coricovac, Iulia Pinzaru, Octavian Cretu and Cristina Dehelean. *Two Antibiotics, Ampicillin and Tetracycline, Exert Different Effects in HT-29 Colorectal Adenocarcinoma Cells in Terms of Cell Viability and Migration Capacity*. *Curr. Oncol*. 2021; 28(4):2466-2480. <https://doi.org/10.3390/curroncol28040225>
 8. Coricovac, Dorina, Cristina A. Dehelean, Iulia Pinzaru, Alexandra Mioc, Oana-Maria Aburel, **Ioana Macasoï**, George A. Draghici, Crina Petean, Codruta Soica, Madalina Boruga, Brigitha Vlaicu, and Mirela D. Muntean. *Assessment of Betulinic Acid Cytotoxicity and Mitochondrial Metabolism Impairment in a Human Melanoma Cell Line*. *Int. J. Mol. Sci*. 2021; 22(9):4870. <https://doi.org/10.3390/ijms22094870>
 9. Pancu Daniel F., Alexandra Scurtu, **Ioana G. Macasoï**, Daniela Marti, Marius Mioc, Codruta Soica, Dorina Coricovac, Delia Horhat, Marioara Poenaru, and Cristina Dehelean. *Antibiotics: Conventional Therapy and Natural Compounds with Antibacterial Activity—A Pharmacotoxicological Screening*. *Antibiotics*. 2021; 10(4):401. <https://doi.org/10.3390/antibiotics10040401>
 10. Ghiulai, R., Roșca, O. J., Antal, D. S., Mioc, M., Mioc, A., Racoviceanu, R., **Macașoi, I.**, Olariu, T., Dehelean, C., Crețu, O. M., Voicu, M., & Șoica, C. (2020). *Tetracyclic and Pentacyclic Triterpenes with High Therapeutic Efficiency in Wound Healing Approaches*. *Molecules* (Basel, Switzerland), 25(23), 5557. <https://doi.org/10.3390/molecules25235557>
 11. Iftode, A., Drăghici, G. A., **Macașoi, I.**, Marcovici, I., Coricovac, D. E., Dragoi, R., Tischer, A., Kovatsi, L., Tsatsakis, A. M., Cretu, O., & Dehelean, C. (2021). *Exposure to cadmium and copper triggers cytotoxic effects and epigenetic changes in human colorectal carcinoma HT-29 cells*. *Experimental and therapeutic medicine*, 21(1), 100. <https://doi.org/10.3892/etm.2020.9532>
 12. Maghiari, A. L., Coricovac, D., Pinzaru, I. A., **Macașoi, I. G.**, Marcovici, I., Simu, S., Navolan, D., & Dehelean, C. (2020). *High Concentrations of Aspartame Induce Pro-Angiogenic Effects in Ovo and Cytotoxic Effects in HT-29 Human Colorectal Carcinoma Cells*. *Nutrients*, 12(12), 3600. <https://doi.org/10.3390/nu12123600>
 13. Coricovac, D., Pinzaru, I., Avram, Ș., **Macașoi, I.**, Șoica, C., & Dehelean, C. (2020). *In Vitro and In Ovo Assessment of Betulinic Acid Antimelanoma Effect*. *Timisoara Med*, 2020(1), 0-0.
 14. **Macașoi Ioana**, Pavel Ioana Zinuca, Moacă Alina Elena, Avram Ștefana, David Vlad Laurențiu, Coricovac Dorina, Mioc Alexandra, Spandidos Demetrios A., Tsatsakis Aristidis, Șoica Codruța, Dumitrașcu Victor, Dehelean Cristina. *Mechanistic investigations of antitumor activity of a Rhodamine B-oleanolic acid derivative bioconjugate*. *Oncol Rep*. 2020;44(3):1169-1183.
 15. Farcas Claudia Geanina, **Macasoï Ioana**, Pinzaru Iulia, Marius Chirita, Marius Constantin Chirita Mihaila, Dehelean Cristina, Avram Ștefana, Loghin Felicia, Mocanu Liviu, Rotaru Virgil, Ieta Adrian, Ercuta Aurel, Coricovac Dorina. *Controlled Synthesis and Characterization of Micrometric Single Crystalline Magnetite With Superparamagnetic Behavior and Cytocompatibility/Cytotoxicity Assessments*. *Front Pharmacol*. 2020;11:410. Published 2020 Apr 3. doi:10.3389/fphar.2020.00410

16. **Ioana Macașoi**, M. Mioc, A. Cheveresan, R. Ghiulai, A. Mioc, C. Dehelean, C. Șoica, D. Muntean, V. Dumitrașcu. *In silico evaluation of the antiproliferative mitochondrial targeted mechanism of action of some pentacyclic triterpene derivatives*. Revista de Chimie. 2018 Dec; 12, p 3361-3363
17. **Ioana Macasoi**, Alexandra Mioc, Marius Mioc, Irina Soica, Adelina Chevereșan, Cristina Dehelean, Victor Dumitrașcu. *Targeting Mitochondria Through the Use of Mitocans as Emerging Anticancer Agents*. Current medicinal chemistry. 2019
18. Elena-Alina Moacă, Ciprian-Valentin Mihali, **Ioana-Gabriela Macașoi**, Codruța Șoica, Cristina-Adriana Dehelean, Cornelia Păcurariu, Sorin Florescu. *Fe₃O₄@C Matrix with Tailorable Adsorption Capacities for Paracetamol and Acetylsalicylic Acid: Synthesis, Characterization, and Kinetic Modeling*. Molecules 2019, 24, 1727.
19. Andreea M. Kis†, **Ioana Macasoi**†, Corina Paul†, Matilda Radulescu, Roxana Buzatu, Claudia G. Watz, Adelina Cheveresan, Delia Berceanu, Iulia Pinzaru, Stefania Dinu, Aniko Manea, Marioara Poenaru, Claudia Borza and Cristina A. Dehelean. *Methotrexate and Cetuximab—Biological Impact on Non-Tumorigenic Models: In Vitro and In Ovo Assessments*. MEDICINA 2022, 58(2): 167; <https://doi.org/10.3390/medicina58020167>.
20. Minda Daliana, Alexandra Mioc, Christian Banciu, Codruța Soica, Roxana Racoviceanu, Marius Mioc, **Ioana Macasoi**, Stefana Avram, Adrian Voicu, Andrei Motoc, and Cristina Trandafirescu. *Cyclodextrin Dispersion of Mebendazole and Flubendazole Improves In Vitro Antiproliferative Activity*. PROCESSES 2021, 9(12): 2185, DOI: 10.3390/pr9122185
21. Pilut, Ciprian N., Aniko Manea, **Ioana Macasoi**, Amadeus Dobrescu, Doina Georgescu, Roxana Buzatu, Alin Faur, Stefania Dinu, Doina Chioran, Iulia Pinzaru, Monica Hancianu, Cristina Dehelean, and Daniel Malița. *Comparative Evaluation of the Potential Antitumor of Helleborus purpurascens in Skin and Breast Cancer*. PLANTS 2022, 11(2): 194, DOI: <https://doi.org/10.3390/plants11020194>
22. Bratu Lavinia Melania, Marcovici Iasmina, **Macasoi Ioana**, Manea Aniko, Niculescu Bogdan, Olaru Flavius, Heghes Alina, Dehelean Cristina, Coricovac Dorina. *In Vitro Insights Regarding The Role Of Melanin In Melanoma Cells' response To Betulinic Acid Treatment*. Farmacia. 2022;70:1.
23. Smirnova Irina, Drăghici George, Kazakova Oxana, Vlaia Lavinia, Avram Stefana, Mioc Alexandra, Mioc Marius, **Macașoi Ioana**, Dehelean Cristina, Voicu Adrian, Șoica Codruța. *Hollongdione arylidene derivatives induce antiproliferative activity against melanoma and breast cancer through pro-apoptotic and antiangiogenic mechanisms*. Bioorganic Chemistry. 2022 Feb 1;119:105535.
24. Dinu, Stefania, Emanuela Lidia Craciunescu, **Ioana Macasoi**, Doina Chioran, Mircea Rivis, Daliborca Vlad, Raluca Adriana Milutinovici, Iasmina Marcovici, Alina Dolghi, Alina Moaca, Dorin Cristian Dinu, Cristina Dehelean, and Malina Popa. 2022. "Toxicological Assessment of an Acrylic Removable Orthodontic Appliance Using 2D and 3D In Vitro Methods" Materials 15, no. 3: 1193. <https://doi.org/10.3390/ma15031193>
25. Marcovici, Iasmina, Dorina Coricovac, Iulia Pinzaru, **Ioana Gabriela Macasoi**, Roxana Popescu, Raul Chioibas, Istvan Zupko, and Cristina Adriana Dehelean. 2022. "Melanin and Melanin-Functionalized Nanoparticles as Promising Tools in Cancer Research—A Review" Cancers 14, no. 7: 1838. <https://doi.org/10.3390/cancers14071838>
26. Dumache, Raluca, Alexandra Enache, **Ioana Macasoi**, Cristina Adriana Dehelean, Victor Dumitrascu, Alexandra Mihailescu, Roxana Popescu, Daliborca Vlad, Cristian Sebastian Vlad, and Camelia Muresan. 2022. "SARS-CoV-2: An Overview of the Genetic Profile

- and Vaccine Effectiveness of the Five Variants of Concern" *Pathogens* 11, no. 5: 516. <https://doi.org/10.3390/pathogens11050516>
27. Cozma, Gabriel Veniamin, Alexandru Apostu, **Ioana Macasoi**, Cristina Adriana Dehelean, Octavian Marius Cretu, Stefania Dinu, Dan Gaiță, and Aniko Manea. 2022. "In Vitro and In Ovo Evaluation of the Potential Hepatoprotective Effect of Metformin" *Medicina* 58, no. 6: 705. <https://doi.org/10.3390/medicina58060705>
 28. Alina Anton, Elena Alina Moacă, Cristian Andrei Sarau, Ștefania Dinu, Alexandra Denisa Semenescu, **Ioana Gabriela Macașoi**, Cristina Adriana Dehelean. Antioxidant And In Vitro Cytotoxic Activity Of Commercial Lemongrass, Sea Buckthorn And Basil Essential Oils, Against Colorectal Cancer Cell Line Hct 116. *Farmacia*. 2022; 22.
 29. Chioran, Doina, Adrian Sitaru, **Ioana Macasoi**, Iulia Pinzaru, Cristian Andrei Sarau, Cristina Dehelean, Stefania Dinu, Camelia Szuhaneck, Irina Nicoleta Zetu, Andra Cristine Serafin, Mircea Rivis, Marioara Poenaru, and Razvan Dragoi. 2022. "Nicotine Exerts Cytotoxic Effects in a Panel of Healthy Cell Lines and Strong Irritating Potential on Blood Vessels" *International Journal of Environmental Research and Public Health* 19, no. 14: 8881. <https://doi.org/10.3390/ijerph19148881>
 30. Fabricky, Mihai M. C., Robert Cosmin Racea, **Ioana Macasoi**, Iulia Pinzaru, Cosmin Sinescu, Horatiu Cristian Manea, Laura-Cristina Rusu, Dana Stoian, Roxana Buzatu, and Stefania Dinu. 2022. "The In Vitro Impact of Two Scaffold-Type Structure Dental Ceramics on the Viability, Morphology, and Cellular Migration of Pharyngeal Cancer Cells" *Coatings* 12, no. 8: 1212. <https://doi.org/10.3390/coatings12081212>

ARTICLES PUBLISHED IN ABSTRACT

1. Stefana Avram, Corina Danciu, Ioana Zinuca Pavel, Daliana Minda, Roxana Ghiulai, **Ioana Macasoi**, Dorina Coricovac, Iulia Pinzaru, Alina Elena Moaca, Denisa Carcioban, Codruta Soica, Cristina Dehelean. Safety and wound healing effects of three Artemisia species, pag 47, Rezumate manifestari in cadrul proiectului CNFIS-FDI-2018-0159, Safety of medicinal plants products, Editura Victor Babes, 2018, ISBN 978-606-786-104-4.
2. Stefana Avram, Corina Danciu, Ioana Zinuca Pavel, Daliana Minda, Roxana Ghiulai, Iulia Pinzaru, **Ioana Macasoi**, Dorina Coricovac, Alina Elena Moaca, Marius Mioc, Codruta Soica, Cristina Dehelean. The effect of lemon balm extracts on MCF-7 and MDA-MB-231 breast cancer cells, pag 49, Rezumate manifestari in cadrul proiectului CNFIS-FDI-2018-0159, Safety of medicinal plants products, Editura Victor Babes, 2018, ISBN 978-606-786-104-4.
3. **Ioana-Gabriela Macasoi**, Danina Muntean, Ioana-Zinuca Pavel, Cristina Adriana Dehelean. Rhodamine B conjugated maslinic acid as selective cytotoxic mitocans. pag 52, Rezumate manifestari in cadrul proiectului CNFIS-FDI-2018-0159, Safety of medicinal plants products, edited by: C. Dehelean, I. Pinzaru, D. Coricovac, Editura Victor Babes, 2018, ISBN 978-606-786-104-4.
4. Stefana Avram, Corina Danciu, Ioana Zinuca Pavel, Daliana Minda, Roxana Ghiulai, **Ioana Macasoi**, Dorina Coricovac, Iulia Pinzaru, Codruta Soica, Cristina Dehelean. Traditional antiallergic remedies targeting angiogenesis in atopic dermatitis. pag 13, Volum de rezumate editat în cadrul manifestărilor științifice derulate în baza proiectului

- CNFIS-FDI-2019-0393, Produsele dermo-cosmetice ca formulare. Testarea siguranței produselor cosmetice (Dermo-cosmetic products as formulations. Safety testing of cosmetic products), Editura Victor Babes, Timisoara, 2020, ISBN 978-606-786-155-6.
5. Sebastian Simu, Dorina Coricovac, Iulia Pînzaru, Alina Moacă, **Ioana Macașoi**, George Drăghici, Dan Navolan. Ultraviolet radiation amplifies the noxious effects of sodium lauryl sulfate at skin level. pag. 42. Rezumate manifestari in cadrul proiectului CNFIS-FDI-2018-0159, Safety of medicinal plants products, edited by: C. Dehelean, I. Pinzaru, D. Coricovac, Editura Victor Babes, 2018, ISBN 978-606-786-104-4
 6. Stefana Avram, Corina Danciu, Ioana Zinuca Pavel, Daliana Minda, Roxana Ghiulai, **Ioana Macasoi**, Dorina Coricovac, Iulia Pinzaru, Alina-Elena Moaca, Denisa Circioban, Codruta Soica, Cristina Dehelean. Safety and wound healing effects of three Artemisia species. pag. 47. Rezumate manifestari in cadrul proiectului CNFIS-FDI-2018-0159, Safety of medicinal plants products, edited by: C. Dehelean, I. Pinzaru, D. Coricovac, Editura Victor Babes, 2018, ISBN 978-606-786-104-4.
 7. Stefana Avram, Corina Danciu, Ioana Zinuca Pavel, Daliana Minda, Roxana Ghiulai, Iulia Pinzaru, **Ioana Macasoi**, Dorina Coricovac, Alina-Elena Moaca, Marius Mioc, Codruta Soica, Cristina Dehelean. The effect of lemon balm extracts on MCF-7 and MDA-MB-231 breast cancer cells. pag. 49. Rezumate manifestari in cadrul proiectului CNFIS-FDI-2018-0159, Safety of medicinal plants products, edited by: C. Dehelean, I. Pinzaru, D. Coricovac, Editura Victor Babes, 2018, ISBN 978-606-786-104-4.
 8. **Ioana-Gabriela Macașoi**, Danina Muntean, Cristina Adriana Dehelean. Phytochemicals targeting mitochondrial functions in cancer. pag. 54. Rezumate manifestari in cadrul proiectului CNFIS-FDI-2018-0159, Safety of medicinal plants products, edited by: C. Dehelean, I. Pinzaru, D. Coricovac, Editura Victor Babes, 2018, ISBN 978-606-786-104-4.
 9. **Macasoi Ioana-Gabriela**, Dehelean Cristina, Dumitrascu Victor. The effect of a Rhodamine B-conjugated oleanolic acid derivative on human melanoma cell line A375. pag. 21. Volum de rezumate editat în cadrul manifestărilor științifice derulate în baza proiectului CNFIS-FDI-2019-0393, Produsele dermo-cosmetice ca formulare. Testarea siguranței produselor cosmetice (Dermo-cosmetic products as formulations. Safety testing of cosmetic products), Editura Victor Babes, Timisoara, 2020, ISBN 978-606-786-155-6.
 10. **Macasoi Ioana-Gabriela**, Dehelean Cristina, Dumitrascu Victor. Topical effect of oleanolic acid for dermal use. pag. 9. Volum de rezumate editat în cadrul manifestărilor științifice derulate în baza proiectului CNFIS-FDI-2019-0393, Produsele dermo-cosmetice ca formulare. Testarea siguranței produselor cosmetice (Dermo-cosmetic products as formulations. Safety testing of cosmetic products), Editura Victor Babes, Timisoara, 2020, ISBN 978-606-786-155-6.
 11. Stefana Avram, Corina Danciu, Ioana Zinuca Pavel, Daliana Minda, Roxana Ghiulai, **Ioana Macasoi**, Dorina Coricovac, Iulia Pinzaru, Codruta Soica, Cristina Dehelean. Traditional antiallergic remedies targeting angiogenesis in atopic dermatitis. pag. 13. Volum de rezumate editat în cadrul manifestărilor științifice derulate în baza proiectului CNFIS-FDI-2019-0393, Produsele dermo-cosmetice ca formulare. Testarea siguranței produselor cosmetice (Dermo-cosmetic products as formulations. Safety testing of cosmetic products), Editura Victor Babes, Timisoara, 2020, ISBN 978-606-786-155-6.
 12. Dorina Coricovac, Aymen Barkaoui, Iasmina Marcovici, Ramona Gurila, **Ioana Macasoi**, Iulia Pinzaru, Cristina Dehelean. An overview on skin lightening agents' noxious effects.

- pag. 61. Volum de rezumate editat în cadrul manifestărilor științifice derulate în baza proiectului CNFIS-FDI-2019-0393, Produsele dermo-cosmetice ca formulare. Testarea siguranței produselor cosmetice (Dermo-cosmetic products as formulations. Safety testing of cosmetic products), Editura Victor Babes, Timisoara, 2020, ISBN 978-606-786-155-6.
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