

PERSONAL INFORMATION

Alexandra-Denisa Semenescu (born Scurtu)

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WORK EXPERIENCE

- 09/2020–Present **Assistant Professor**
Department II, Discipline of Toxicology, Drug Industry, Management and Legislation
Faculty of Pharmacy, „Victor Babes” University of Medicine and Pharmacy Timisoara (Romania)
- 02/2020–Present **Resident Pharmacist**
Clinical Pharmacy
County Emergency Hospital “Pius Brinzeu” Timisoara (Romania)
- 10/2017–05/2019 **Volunteer - VADA Program**
„Victor Babes” University of Medicine and Pharmacy, Discipline of Pharmacognosy, Timisoara (Romania)
- initiative and ability to respond positively to change
 - ability to work cooperatively and flexibly within a team
 - autonomy, discipline, perseverance in the learning process
- 02/2019–08/2019 **Practice in pharmacy**
Catena Hygeia Timisoara (Romania)

EDUCATION AND TRAINING

- 10/2022–Present **Graduate Student**
Cosmetology and Dermopharmacy
„Victor Babes” University of Medicine and Pharmacy Timisoara (Romania)
- 10/2020–07/2021 **Certificate of graduation of psycho-pedagogical studies for level I**

and II
 Department of Teacher Training
 West University of Timisoara

- 10/2019–Present **PhD Student**
 Pharmacy
 „Victor Babes” University of Medicine and Pharmacy Timisoara (Romania)
- 09/2014–09/2019 **Pharmacist**
 „Victor Babes” University of Medicine and Pharmacy Timisoara (Romania)
- 09/2010–06/2014 **Baccalaureate Degree**
 "George Cosbuc" National College, Motru (Romania)

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	C1	C1	C1	C1	C1
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

Communication skills Communication skills and relationship skills specific to teamwork acquired during volunteering and internships.
 Ability for interdisciplinary collaboration acquired in scientific research projects.

Organizational / managerial skills Organizational and leadership skills acquired in the Volunteer Program in the activity of academic development.

Digital skills A very good command of Microsoft Office tools (Word, Excel, PowerPoint, Access).

List of publications

I. Articles published in extenso in ISI Web of Knowledge indexed journals

Semenescu A-D, Moacă E-A, Iftode A, Dehelean C-A, Tchiakpe-Antal D-S, Vlase L, Vlase A-M, Muntean D, Chioibaş R. Phytochemical and Nutraceutical Screening of Ethanol and Ethyl Acetate Phases of Romanian Galium verum Herba (Rubiaceae). *Molecules*. 2023; 28(23):7804. <https://doi.org/10.3390/molecules28237804>. IF=4.6.

Semenescu, A.-D.; Moacă, E.-A.; Iftode, A.; Dehelean, C.-A.; Tchiakpe-Antal, D.-S.; Vlase, L.; Rotunjanu, S.; Muntean, D.; Chiriac, S.D.; Chioibaş, R. Recent Updates Regarding the Antiproliferative Activity of Galium verum Extracts on A375 Human Malignant Melanoma Cell Line. *Life* 2024, 14, 112. <https://doi.org/10.3390/life14010112>. IF=3.2.

Semenescu A-D, Moacă E-A, Chioibaş R, Iftode A, Tchiakpe-Antal D-S, Vlase L, Vlase A-M, Muntean D, Dehelean C-A. Phytochemical and biological screening of aqueous Galium verum L. extract. *Annals of the University Dunarea de Jos of Galati. Fascicle VI – Food Technology*. 2023; 47(2): 172-189. <https://doi.org/10.35219/foodtechnology.2023.2.11>. IF=1.

Semenescu A-D, Moacă E-A, Chioibaş R, Iftode A, Tchiakpe-Antal D-S, Vlase L, Vlase A-M, Muntean D, Dehelean C-A. Galium verum L. petroleum ether extract – antitumor potential on human melanoma cells. *Ovidius University Annals of Chemistry*. 2023; 34(2):140-149. <https://doi.org/10.2478/auoc-2023-0018>. IF=0.9.

Fiat F, Arnautu D-A, Bernad BC, Anton A, Marcovici I, Semenescu A-D, Bernad ES. Retrospective Study of the Use of Heparins in Pregnant Women and in vitro Testing on the HCT 116 Colorectal Carcinoma Cell Line. *Journal of Critical Care Medicine*. 2024. <https://doi.org/10.2478/jccm-2024-0009>. IF=1.1.

Iliia I, Chioran D, Radu D, Chioibas R, Ionita I, Marian C, Semenescu A, Racea RC, Popovici R, Dinu Stefania, Rivis M, Iftode A. In vitro assessment of two types of hyaluronic acid's antitumor potential in osteosarcoma cells. *FARMACIA*, 2023, Vol. 71, 5. <https://doi.org/10.31925/farmacia.2023.5.9>. IF =1.6

Fiat F, Niculescu B, Roi A, Rivis M, Anton A, Marcovici I, Semenescu A-D, Vlad D, Delcea C, Bernad E, Iovanescu G. In vitro characterization of the cytotoxic profile of lidocaine on A-375 cutaneous melanoma cells and HaCaT keratinocytes. *FARMACIA*, 2023, Vol. 71, 4. <https://doi.org/10.31925/farmacia.2023.4.23>. IF =1.6

Lombrea A, Semenescu AD, Magyari-Pavel IZ, Turks M, Luginina J, Peipiņš U, Muntean D, Dehelean CA, Dinu S, Danciu C. Comparison of In Vitro Antimelanoma and Antimicrobial Activity of 2,3-Indolo-betulinic Acid and Its Glycine Conjugates. *Plants (Basel)*. 2023 Mar 9;12(6):1253. doi: 10.3390/plants12061253. PMID: 36986941; PMCID: PMC10058300, IF =4.5

Nistor G, Mioc A, Mioc M, Balan-Porcarasu M, Ghiulai R, Racoviceanu R, Avram Ş, Prodea A, Semenescu A, Milan A, Dehelean C, Şoica C. Novel Semisynthetic Betulinic Acid-Triazole Hybrids with In Vitro Antiproliferative Potential. *Processes*. 2023; 11(1):101. IF =3.5

Predut D, Semenescu AD#, Manea A*, Dinu S, Popovici R, Jivanescu A. Cytotoxicity assessment of liposomes loaded with biologically active substances on oral tumour cells. *FARMACIA*, 2022, Vol. 70, 6. <https://doi.org/10.31925/farmacia.2022.6.11>, IF =1.6

Nistor G, Mioc M, Mioc A, Balan-Porcarasu M, Racoviceanu R, Prodea A, Milan A, Ghiulai R, Semenescu A, Dehelean C, Şoica C. The C30-Modulation of Betulinic Acid Using 1,2,4-Triazole: A Promising Strategy for Increasing Its Antimelanoma Cytotoxic Potential. *Molecules*. 2022; 27(22):7807. <https://doi.org/10.3390/molecules27227807>, IF =4.6

Ghiulai R, Mioc A, Racoviceanu R, Mioc M, Milan A, Prodea A, Semenescu A, Dehelean C, Barbu Tudoran L, Avram Ş, Trandafirescu C, Şoica C. The Anti-Melanoma Effect of Betulinic Acid Functionalized Gold Nanoparticles: A Mechanistic In Vitro Approach. *Pharmaceuticals*. 2022; 15(11):1362. <https://doi.org/10.3390/ph15111362>, IF=4.6

Moacă E-A, Socoliuc V, Stoian D, Watz C, Flondor D, Păcurariu C, Ianoş R, Rus CI, Barbu-Tudoran L, Semenescu A, Sarău C, Chevereşan A, Dehelean CA. Synthesis and Characterization of Bioactive Magnetic Nanoparticles from the Perspective of Hyperthermia Applications. *Magnetochemistry*. 2022; 8(11):145. <https://doi.org/10.3390/magnetochemistry8110145>, IF=2.7

Damian LR, Dumitrescu R, Alexa VT, Focht D, Schwartz C, Balean O, Jumanca D, Obistioiu D, Lalescu D, Stefaniga SA, Berbecea A, Fratila AD, **Scurtu AD**, Galuscan A. **Impact of Dentistry Materials on Chemical Remineralisation/Infiltration versus Salivary Remineralisation of Enamel-In Vitro Study**. *Materials (Basel)*. 2022 Oct 17;15(20):7258. doi: 10.3390/ma15207258. PMID: 36295323; PMCID: PMC9612028, **IF=3.4**

Dehelean CA, Coricovac D, Pinzaru I, Marcovici I, Macasoi IG, **Semenescu A**, Lazar G, Cinta Pinzaru S, Radulov I, Alexa E, Cretu O. **Rutin bioconjugates as potential nutraceutical prodrugs: An in vitro and in ovo toxicological screening**. *Front Pharmacol*. 2022 Sep 23;13:1000608. doi: 10.3389/fphar.2022.1000608. PMID: 36210849; PMCID: PMC9538480, **IF=5.6**

Anton A, Moaca EA, Sarau CA, Dinu S, **Semenescu AD**, Macasoi IG, Dehelean CA. **Antioxidant and in vitro cytotoxic activity of commercial lemongrass, sea buckthorn and basil essential oils, against colorectal cancer cell line HCT 116**. *Farmacia*. 2022; 70(4):683-689. doi: 10.31925/farmacia.2022.4.14, **IF=1.6**

Fiat F, Merghes PE, **Scurtu AD***, Almajan Guta B, Dehelean CA, Varan N, Bernad E. **The Main Changes in Pregnancy-Therapeutic Approach to Musculoskeletal Pain**. *Medicina (Kaunas)*. 2022 Aug 17;58(8):1115. doi: 10.3390/medicina58081115. PMID: 36013582; PMCID: PMC9414568, **IF=2.6**

Buda V, Prelipcean A, Cozma D, Man DE, Negres S, **Scurtu A**, Suci M, Andor M, Danciu C, Crisan S, Dehelean CA, Petrescu L, Rachieru C. **An Up-to-Date Article Regarding Particularities of Drug Treatment in Patients with Chronic Heart Failure**. *J Clin Med*. 2022 Apr 4;11(7):2020. doi: 10.3390/jcm11072020. PMID: 35407628; PMCID: PMC8999552, **IF=3.9**

Tanase A, Manea A, **Scurtu AD***, Bratu LM, Chioran D, Dolghi A, Alexoi I, AAbed H, Lazureanu V, Dehelean CA. **The "Invisible Enemy" SARS-CoV-2: Viral Spread and Drug Treatment**. *Medicina (Kaunas)*. 2022 Feb 10;58(2):261. doi: 10.3390/medicina58020261. PMID: 35208584; PMCID: PMC8875987, **IF=2.6**

Niculescu Talpoş IC, Rumel RC, **Scurtu AD**, Dinu Ş, Miron MI, Preduţ AD, Cosoroabă RM, Popovici RA, Raica M. **Oral squamous cell carcinomas: a histopathological review of multiple cases from Western Romania**. *Rom J Morphol Embryol*. 2021 Oct-Dec;62(4):929-937. doi: 10.47162/RJME.62.4.05. PMID: 35673812; PMCID: PMC9289717, **IF=0.833**

Floare AD, **Scurtu AD***, Balean OI, Chioran D, Buzatu R, Sava Rosianu R, Alexa VT, Jumanca D, Rusu L-C, Racea RC, Coricovac D, Pinzaru I, Dehelean CA, Galuscan A. **The Biological Effects of Ozone Gas on Soft and Hard Dental Tissues and the Impact on Human Gingival Fibroblasts and Gingival Keratinocytes**. *Processes*. 2021; 9(11):1978. <https://doi.org/10.3390/pr9111978>, **IF=3.352**

Milutinovic R-A, Chioran D, Buzatu R, Macasoi I, Razvan S, Chioibas R, Corlan IV, Tanase A, Calniceanu H, Popovici RA, Dinu S, Dehelean C, **Scurtu A**, Pinzaru I, Soica C. **Vegetal Compounds as Sources of Prophylactic and Therapeutic Agents in Dentistry**. *Plants*. 2021; 10(10):2148. <https://doi.org/10.3390/plants10102148>, **IF=4.658**

Pancu DF, **Scurtu A**, Macasoi IG, Marti D, Mioc M, Soica C, Coricovac D, Horhat D, Poenaru M, Dehelean C. **Conventional Therapy and Natural Compounds with Antibacterial Activity—A Pharmaco-Toxicological Screening**. *Antibiotics* 2021, 10(4), 401; doi:10.3390/antibiotics10040401, **IF=5.222**

Lombrea A, **Scurtu AD***, Avram S, Pavel IZ, Turks M, Lugişina J, Peipiş U, Dehelean CA, Soica C, Danciu C. **Anticancer Potential of Betulonic Acid Derivatives**. *Int. J. Mol. Sci.* 2021, 22, 3676. <https://doi.org/10.3390/ijms22073676>, **IF=6.208**

II. Articles published in extenso in CNCSIS B/B+ indexed journals (BDI)

Rednic R, **Semenescu AD***, Bociort F, Grosu C, Kiş A, Tomescu MC. A detailed study on the antitumor effects of consecrated drugs – digoxin and labetalol. *Medicine in evolution*. Volume, XXVIII, 4, 2022, ISSN 2065-376X.

Marin A, **Semenescu AD***, Dinu S, Poenaru M. **Bacteria, biofilm and cholesteatoma – perspectives of innovative therapeutic approaches**. *Medicine in evolution*. Volume XXVIII, Nr. 3, 2022, Timisoara, Romania.

Ghiţu A, Avram S, Pavel IZ, **Scurtu A-D**, Minda D, Danciu C, Tigmeanu CV. **Evaluation of the cytotoxic and anti-angiogenic potential of flavone apigenin using the B164A5 mouse melanoma cell line**. *Medicine in evolution*. Volume

XXVI, Nr. 3, 2020, Timișoara, Romania ISSN 2065-376X, p288-296.

Minda D, Avram S, Pavel IZ, Kis B, Ghitu A, Zupko I, Dehelean C, Buda V, Diaconeasa Z, **Scurtu A**, Alexa V, Danciu C. **An in vitro Evaluation of Apigenin and Apigenin-7-O-glucoside Against HeLa Human Cervical Cancer Cell Line.** *Rev Chim.* 2020 Mar.

III. Articles published in abstract in ISI Web of Knowledge indexed journals

Alexandra Denisa Semenescu, Elena Alina Moaca, Laurian Vlase, Ana-Maria Vlase, Cristina Adriana Dehelean. **Physicochemical screening and preliminary in vitro assessment of Galium verum L. alcoholic extract.** Meeting 57th Congress of the European-Societies-of-Toxicology (EUROTOX), Meeting Abstract P16-50, Ljubljana, SLOVENIA, SEP 10-13, 2023. TOXICOLOGY LETTERS. 384(1):S200-S200. IF=3.5.

Alina Anton, George Andrei Draghici, **Alexandra Denisa Semenescu**, Cristina Adriana Dehelean. **The in vivo Biological Activity of Cymbopogon citratus Essential Oil on Human Colorectal Carcinoma.** Meeting 57th Congress of the European-Societies-of-Toxicology (EUROTOX), Meeting Abstract P12-02, Ljubljana, SLOVENIA, SEP 10-13, 2023. TOXICOLOGY LETTERS. 384(1):S159-S159. IF=3.5.

Alexandra Denisa Semenescu, Iulia Pinzaru, Cristina Dehelean. **Cytotoxicity assessment of Galium verum extracts on human melanoma cells.** Meeting 89th Annual Meeting of the German-Society-for-Experimental-and-Clinical-Pharmacology-and-Toxicology (DGPT) / 8th German Pharm-Tox Summit – Poster presentation – P156, pag 63. 8 th German Pharm-Tox Summit 2023, 6–9 March 2023, Ulm, Germany. NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY. 396(1):S63-S53. IF=3.6.

IV. Articles published in summary in volumes of Romanian summaries with ISBN

Alexandra Denisa Semenescu, Alina Moaca, Iulia Pinzaru, Cristina Adriana Dehelean. **Cytotoxicity Assessment of Galium verum Extract in Melanoma**, pag 8. Rezumate manifestări în cadrul proiectului CNFIS-FDI-2022-0494, Implementarea de tehnici moderne pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale a “UMF Victor Babeș” din Timișoara. Editura Victor Babes, Timisoara, 2023, ISBN 978-606-786-300-0.

Alexandra Denisa Semenescu, Alina Moaca, Cristina Adriana Dehelean. **Green Synthesis of Gold Nanoparticles Using Galium Sp. Extract -Promising Candidates in Melanoma**, pag 10. Rezumate manifestări în cadrul proiectului CNFIS-FDI-2022-0494, Implementarea de tehnici moderne pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale a “UMF Victor Babeș” din Timișoara. Editura Victor Babes, Timisoara, 2023, ISBN 978-606-786-300-0.

Elena-Alina Moacă, Claudia-Geanina Watz, Daniela Flondor, **Alexandra Semenescu**, Daliana Minda, Sergio Liga, George-Andrei Drăghici, Andrada Iftode, Cristina-Adriana Dehelean. **In Vitro Biologic Impact of Green Synthesized Magnetic Nanoparticles on Two Different Lung 2D Tumorigenic Cell Lines**, pag 11. Rezumate manifestări în cadrul proiectului CNFIS-FDI-2022-0494, Implementarea de tehnici moderne pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale a “UMF Victor Babeș” din Timișoara. Editura Victor Babes, Timisoara, 2023, ISBN 978-606-786-300-0.

Claudia Geanina Watz, Elena-Alina Moacă, Alexandra-Corina Faur, **Alexandra Semenescu**, Cristina Adriana Dehelean. **Acute Biosafety Screening of Plant-Mediated Magnetic Nanoparticles on 3D Epiairwaytm Microtissues**, pag 13. Rezumate manifestări în cadrul proiectului CNFIS-FDI-2022-0494, Implementarea de tehnici moderne pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale a “UMF Victor Babeș” din Timișoara. Editura Victor Babes, Timisoara, 2023, ISBN 978-606-786-300-0.

Elena-Alina Moacă, Claudia-Geanina Watz, Daniela Flondor, **Alexandra Semenescu**, Sergio Liga, Vlad Socoliuc, George-Andrei Drăghici, Andrada Iftode, Cristina-Adriana Dehelean. **Bioactive Magnetic Nanoparticles–A Suitable Tool for Hyperthermia Applications**, pag 14. Rezumate manifestări în cadrul proiectului CNFIS-FDI-2022-0494, Implementarea de tehnici moderne pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale a “UMF Victor Babeș” din Timișoara. Editura Victor Babes, Timisoara, 2023, ISBN 978-606-786-300-0.

Adelina Lombrea, **Alexandra-Denisa Semenescu**, Ioana Zinuca Magyari-Pave, Măris Turks, Jevgenija Lugiņina, Uldis

Peipiņš, Delia Muntean, Minda Daliana, Cristina Adriana Dehelean, Codruta Soica, Corina Danciu. **Antimelanoma and Antimicrobial Activities of 2,3-Indolo-betulinic Acid and its Glycine Derivatives**, pag 18. Rezumate manifestări în cadrul proiectului CNFIS-FDI-2022-0494, Implementarea de tehnici moderne pentru pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale a "UMF Victor Babeș" din Timișoara. Editura Victor Babes, Timisoara, 2023, ISBN 978-606-786-300-0.

Mihaela Bota, **Alexandra Denisa Semenescu**, Lavinia Vlaia. **Role of Coriandrum sativum L. Extract in the Management of Diabetes mellitus**, pag 22. Rezumate manifestări în cadrul proiectului CNFIS-FDI-2022-0494, Implementarea de tehnici moderne pentru pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale a "UMF Victor Babeș" din Timișoara. Editura Victor Babes, Timisoara, 2023, ISBN 978-606-786-300-0.

Daniel Breban-Schwarzkopf, **Alexandra Denisa Semenescu**, Camelia Szuhaneck. **The Benefits of Commiphora molmol in the Dental Field - Oral Cancer**, pag 23. Rezumate manifestări în cadrul proiectului CNFIS-FDI-2022-0494, Implementarea de tehnici moderne pentru pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale a "UMF Victor Babeș" din Timișoara. Editura Victor Babes, Timisoara, 2023, ISBN 978-606-786-300-0.

Alexandra Denisa (Scurtu) Semenescu, Cristina Adriana Dehelean. **Pharmacological activities of Galium species**. pag 34, Rezumate manifestări în cadrul proiectului CNFIS-FDI-2021-0498, Plante medicinale între natură și sănătate (Plants between nature and health), Editura Victor Babes, Timisoara, 2021, ISBN 978-606-786-253-9

Alexandra Denisa (Scurtu) Semenescu, Cristina Adriana Dehelean. **Identification of bioactive compounds of Galium species**. pag 29, Rezumate manifestări în cadrul proiectului CNFIS-FDI-2021-0498, Plante medicinale între natură și sănătate (Plants between nature and health), Editura Victor Babes, Timisoara, 2021, ISBN 978-606-786-253-9

Elena-Alina Moaca, Claudia-Geanina Watz, **Alexandra-Denisa Scurtu**, Daniela Flondor (Ionescu), Dan Dragos, George-Andrei Draghici, Cristina-Adriana Dehelean. **Betulinic acid – conjugated magnetic nanoparticles. Design of a potential theranostic nanoplatform**. pag 9, Rezumate manifestări în cadrul proiectului CNFIS-FDI-2021-0498, Plante medicinale între natură și sănătate (Plants between nature and health), Editura Victor Babes, Timisoara, 2021, ISBN 978-606-786-253-9

Alexandra Denisa Scurtu, Dorina Coricovac, Cristina Adriana Dehelean. **The anticancer potential of Galium species extracts**. pag 34, Rezumate manifestări în cadrul proiectului CNFIS-FDI-2019-0393, Aplicații ale metodelor experimentale în analiza produselor cosmetice cu principii active (Applications of experimental methods in the analysis of cosmetics based on active ingredients), Editura Victor Babes, Timisoara, 2020, ISBN 978-606-786-156-3

Alexandra Denisa Scurtu, Iulia Pinzaru, Alina Moaca, Cristina Adriana Dehelean. **Analysis of Galium species from Romanian flora and importance in dermatology**. pag 13, Rezumate manifestări în cadrul proiectului CNFIS-FDI-2019-0393, Aplicații ale metodelor experimentale în analiza produselor cosmetice cu principii active (Applications of experimental methods in the analysis of cosmetics based on active ingredients), Editura Victor Babes, Timisoara, 2020, ISBN 978-606-786-156-3

Ioana Zinuca Pavel, Stefana Avram, Daliana Minda, Cristina Adriana Dehelean, Germaine Săvoiu, **Alexandra Denisa Scurtu**, Corina Danciu. **Evaluation of Theobroma cacao L. extract on A375 human melanoma cell line**. pag 27, 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 (Derma-cosmetic products as formulations. Safety testing of cosmetic products), Editura Victor Babes, Timisoara, 2020, ISBN 978-606-786-155-6

V. Scientific communications presented at national and international events

Alexandra Denisa Semenescu, Elena Alina Moaca, Laurian Vlase, Ana-Maria Vlase, Cristina Adriana Dehelean. **Physicochemical screening and preliminary in vitro assessment of Galium verum L. alcoholic extract**. Meeting 57th Congress of the European-Societies-of-Toxicology (EUROTOX), Meeting Abstract – Poster presentation. P16-50, Ljubljana, SLOVENIA, SEP 10-13, 2023. TOXICOLOGY LETTERS. 384(1):S200-S200. IF=3.5.

Alina Anton, George Andrei Draghici, **Alexandra Denisa Semenescu**, Cristina Adriana Dehelean. **The in vivo Biological Activity of Cymbopogon citratus Essential Oil on Human Colorectal Carcinoma**. Meeting 57th

Congress of the European-Societies-of-Toxicology (EUROTOX), Meeting Abstract – Poster presentation. P12-02, Ljubljana, SLOVENIA, SEP 10-13, 2023. TOXICOLOGY LETTERS. 384(1):S159-S159. IF=3.5.

Alexandra Denisa Semenescu, Iulia Pinzaru, Cristina Dehelean. **Cytotoxicity assessment of Galium verum extracts on human melanoma cells**. Meeting 89th Annual Meeting of the German-Society-for-Experimental-and-Clinical-Pharmacology-and-Toxicology (DGPT) / 8th German Pharm-Tox Summit – Poster presentation – P156, pag 63. 8 th German Pharm-Tox Summit 2023, 6–9 March 2023, Ulm, Germany. NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY. 396(1):S63-S53. IF=3.6.

Alexandra Denisa Semenescu, Alina Moaca, Diana Antal, Delia Muntean, Laurian Vlase, Ana-Maria Vlase, Cristina Adriana Dehelean. **Evaluation of the bioactivity of aqueous Galium verum L. extract**. Poster presentation. Congresul National de Farmacie 2023 Editia a XIX-a. 27-29 septembrie 2023. Cluj-Napoca.

Alina Anton, **Alexandra Denisa Semenescu**, Iasmina Marcovici, Iulia Pinzaru, Cristina Adriana Dehelean. In vitro evaluation of lidocaine on A-375 and HaCaT cell lines. Books of abstracts - Poster presentation. Congresul National de Farmacie 2023 Editia a XIX-a. 27-29 septembrie 2023. Cluj-Napoca.

Alexandra Denisa Semenescu, Alina Moaca, Diana Simona Antal, Laurian Vlase, Ana-Maria Vlase, Cristina Adriana Dehelean. **Evaluarea bioactivității extractului de eter dietilic de Galium verum L.** Poster presentation. Simpozion: De la Etnofarmacologie la FITOMEDICINA. Societatea Romana de Etnofarmacologie SRE. 3-25 iunie 2023. Brasov.

Alexandra-Denisa Scurtu (Semenescu), Elena-Alina Moacă, Laurian Vlase, Ana-Maria Vlase, Cristina-Adriana Dehelean. Preliminary physicochemical screening of aqueous and butanol of Galium verum. Presentation-Workshop: New Trends in Pharmaceutical Research. Volum de rezumate online. Editura Victor Babes, Timisoara 31 martie 2023. Timisoara.

Ioana Zinuca Pavel, Oana Maria Aburel, Corina Danciu, Stefana Avram, Elena Alina Moaaă, **Alexandra Denisa Scurtu**, Rene Csuk, Danina M. Muntean, Cristina Adriana Dehelean. **Assessment of the effects of a benzamide derivative of maslinic acid on cellular bioenergetics in A375 human melanoma cells**. Books of Abstracts - Poster presentation, pag 63, XIII National Congress of Romanian Society of Physiology, October 22-24, 2020, Targu Mures, Romania

Corina Danciu, Alexa Ersilia, Avram Stefana, Pavel Ioana Zinuca, Minda Daliana, Buda Valentina, Muntean Delia, **Scurtu Alexandra**, Dehelean Cristina. **Phytochemical composition, antioxidant, antimicrobial and anticancer potential of *Oenothera biennis* L. hydroalcoholic extract against A375 human melanoma cell line**. Books of Abstracts – Poster presentation – PP 37, pag 157, 4th International Conference on Natural Products Utilization: From Plants to Pharmacy Shelf, 29 may-1 june, 2019, Albena Resort, Bulgaria

Smart Diaspora International Conference 2023. Diaspora in higher education, science, innovation and entrepreneurship. Workshop: “Cercetări recente privind evaluarea morfo-funcțională a bolilor cronice și a tratamentelor moderne, personalizate în cadrul medicinei bazată pe dovezi”. 10-13 aprilie 2023, Timișoara.

1st International Summer School of Medicinal Plant Pharmacology-Toxicology 2018 with the presentation: „Cum se realizează un extract vegetal?”

Scientific session: Students and research 2018 with the presentation: „Analiza fitochimică și evaluarea potențialului antiproliferativ asupra liniei celulare de cancer de sân uman MCF-7 a extractului alcoolic obținut de la specia *Petroselinum crispum* (Mill.) Fuss”.

VI. Research projects and grants

ERASMUS KA220-HED project: Cooperation partnerships in higher education, contract no. 2022-1-RO01-KA220-HED000088958, University in Osijek, Croatia

CNFIS-FDI-2023-F-0448, Titlu: Augmentarea multifunctionalității bazei de practică în domeniul produselor vegetale

medicinale prin inovare interdisciplinara cu transpunere in sfera digitala, desfasurat in perioada martie-decembrie 2023, director de proiect – conf. univ. dr. Iulia Pinzaru

CNFIS-FDI-2022-0484, Titlu Implementarea de tehnici moderne pentru dezvoltarea continuă a bazei de practică în domeniul produselor vegetale medicinale a UMF „Victor Babeș” din Timișoara, desfasurat in perioada aprilie-decembrie 2022, director de proiect – prof. univ. dr. Cristina Adriana Dehelean

ERASMUS K2 project: Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes, contract no. 2019-1-RO01-KA203-063499, University of Calabria, Italy

Grant doctoral cu bursă doctorală: Contribuții la studiul farmacognostic al speciilor *Galium verum* L. și *Galium mollugo* L. Acronim: GHE, 2019.