



Diana Haj Ali

✉ **E-mail:** diana.haj-ali@umft.ro

📍 **Work:** Murgu Square, No.2, 300041 Timisoara (Romania)

WORK EXPERIENCE

Teaching Assistant

Faculty of Medicine and Pharmacy "Victor Babeş" Timișoara [01/03/2025 – Present]

City: Timișoara | Country: Romania

Resident Pharmacist-Clinical Pharmacy

"Pius Brinzeu" County Emergency Clinical Hospital Timișoara. [01/01/2024 – Present]

City: Timisoara

Pharmacist

SC. Catena Pharma S.R.L. [01/03/2023 – 31/08/2024]

City: Timisoara

Pharmacist

SC. Dr.Max S.R.L. [07/10/2019 – 28/02/2023]

City: Timisoara

EDUCATION AND TRAINING

Psychopedagogical Training Programme – Levels I, II, postgraduate studies

West University of Timișoara– Department for Teacher Training [2025-2026]

Doctoral Studies - Field of Pharmacy

Faculty of Medicine and Pharmacy "Victor Babeş" Timișoara [2024 – Present]

Bachelor's Degree - Pharmacist

Faculty of Medicine and Pharmacy "Victor Babeş" Timișoara [2014 – 2019]

LANGUAGE SKILLS

Mother tongue(s): Romanian - Arabic

Other language(s):

English

LISTENING B2 READING B2 WRITING B2
WRITTEN EXPRESSION B2 CONVERSATION B2

French

LISTENING B2 READING B2 WRITING B2
WRITTEN EXPRESSION B2 CONVERSATION B2

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

DIGITAL SKILLS

Microsoft Office (PowerPoint, Word, Excel) / GraphPad Prism / Gen 5 for Microplate Reading & Data Analysis Analysis / BioRender: Creating Professional Science Figures

1. Breban-Schwarzkopf D, Danila AI, Tanase AD, Munteanu K, **Haj Ali D**, Popovici R, Szuhaneck C, Rominu M. Eugenol - A natural alternative in dentistry: An in vitro and in ovo biosafety assessment. *Farmacia*, 2024, Vol. 72,5. <https://doi.org/10.31925/farmacia.2024.5.4>
2. Borozan F, Sas I, Blidisel A, **Haj Ali D**, Pasc A, Dumitrescu C, Minda D, Trandafirescu C, Dumitrel S, Ardelean S. In vitro assessment of 17 β -ethinylestradiol and levonorgestrel on breast cancer MCF-7 and MDA-MB-231 cell lines. *Farmacia*, 2024, Vol. 72,5. <https://doi.org/10.31925/farmacia.2024.5.16>
3. **Haj Ali D**, Dumitrel SI, Trandafirescu C, Horatiu CM, Lascu A, Dinu S, Macasoi I, Buzatu R, Szuhaneck C, Dumitrescu C, Olariu I. In vitro and in ovo comparative toxicological assessment of self-assembling peptide- based dental repair agents. *Farmacia*, 2024, Vol.72,6. <https://doi.org/10.31925/farmacia.2024.6>.
4. **Haj Ali D**, Dărăban AM, Ungureanu D, Căta A, Ienașcu IMC, Dinu S, Dehelean CA, Danciu C. An Up-to-Date Review Regarding the Biological Activity of *Geranium robertianum* L. *Plants*. 2025; 14(6):918. <https://doi.org/10.3390/plants14060918>
5. Dahma R, Motoc M, Dumitrel Ș.-I, **Haj Ali D**, Morariu-Briciu D.-M, Bonțe D. Digoxin Exhibits Anticancer Activity in A375 and RPMI7951 Cutaneous Melanoma Cells: A Drug Repurposing Approach. *Farmacia*. 2025;73:1306–1316. doi: 10.31925/farmacia .
6. Talpos S, Chioran D, Alexandru GC, Dinu Ș, Coricovac E-D, Smeu A, **Haj Ali D**, Szuhaneck C, Popa M. Silibinin Triggers Mitochondrial Apoptosis and Declines Clonogenic Potential in Detroit 562 Human Pharyngeal Carcinoma Cells. *Medicina*. 2025; 61(12):2197. <https://doi.org/10.3390/medicina61122197>
7. Vicaș LG, Marian NA, **Haj Ali D***, Duteanu N, Svera P, Dehelean C, Vlase A-M, Frenț O-D, Dejeu I-L, Negrean RA, et al. Potentiation of the Pharmacological Effects of an *Aristolochia clematitis* L. Extract by Loading into Liposomes Facilitating Release to HaCaT Cells. *Pharmaceutics*. 2026; 18(1):89. <https://doi.org/10.3390/pharmaceutics18010089>
8. Liga S, Tămaș A, Vodă R, Rusu G, Bîtcă I, Socoliuc V, Pop R, **Haj Ali D**, Predescu I-A, Dehelean CA, et al. Puerarin-Loaded Proniosomal Gel: Formulation, Characterization, In Vitro Antimelanoma Cytotoxic Potential, and In Ovo Irritation Assessment. *Gels*. 2026; 12(1):72. <https://doi.org/10.3390/gels12010072>
9. Feher A, Căta A, **Haj Ali D**, Bora L, Magyari-Pavel IZ, Vlase A-M, Avram Ș, Vlase L, Ungureanu D, Dinu Ș, et al. Phytochemical Characterization and Biological Assessment of *Geranium robertianum* L. Ethanol Extract on Human Salivary Gland Carcinoma Cells. *Antioxidants*. 2026; 15(3):296. <https://doi.org/10.3390/antiox15030296>
10. Jupâneanț, R.-A.; Anton, A.; Bojincă, M.; **Haj Ali, D.**; Predescu, I.-A.; Păcurar, A.T.; Vlad, D.; Dumitrașcu, V.; Iftode, A. In Vitro Insight into the Potential of Curcumin to Enhance the Sensitivity of A375 Human Melanoma Cells to Cisplatin. *Farmacia* 2026, 74, 742–750. <https://doi.org/10.31925/farmacia.2026.3.15>.
11. Ahmad, M.K.A.; Chioran, D.; Milutinovici, R.-A.; **Haj Ali, D.**; Sîrbu (Ciortan), M.I.; Popovici, R.A.; Dinu, Ș.; Szuhaneck, C.; Negru, M.C.; Kiș, A.-M. Combined Cytotoxic Effects of Fisetin and Genistein in Detroit-562 Pharyngeal Carcinoma Cells. *Farmacia* 2026, 74, 399–411. <https://doi.org/10.31925/farmacia.2026.2.11>
12. Alsaeyd Ahmad, M.K.; Chioran, D.; Pitic, D.-E.; Moacă, E.-A.; **Haj Ali D.**; Predescu, I.-A.; Hegheș, A.; Talpoș-Niculescu, C.-I.; Popovici, R.-A.; Macașoi, I.; et al. Green-Synthesized Curcuma longa-Derived Silver Nanoparticles for Oral Biomaterial Applications: Physicochemical Characterization, Antibacterial Activity, Preliminary Cytocompatibility and In Ovo Biocompatibility Screening. *J. Funct. Biomater.* 2026, 17, 357. <https://doi.org/10.3390/jfb17080357>
13. Smeu, A.; Olariu, I.; Marcovici, I.; **Haj Ali, D.**; Vlaia, L.; Vlaia, V.; Tănase, A.; Cosoroabă, R.M.; Socoliuc, V.; Dehelean, C.A. Silibinin-Loaded Proniosomal Gel for Cutaneous Application: Pharmaco-Technical Characterization and In Vitro–In Ovo Biocompatibility. *Gels* 2026, 12, 504. <https://doi.org/10.3390/gels12060504>
14. Cîmpeanu, I.-A.; Anton, A.; Cristea, A.-M.; **Haj Ali, D.***; Predescu, I.-A.*; Marcovici, I.; Macașoi, I.-G.; Vlad, D.; Oancea, C.; Moacă, E.-A. Nutraceutical Characterization, 3D Airway Tissue Metabolic Viability, and Cytotoxic Activity of *Melissa officinalis* Aqueous Leaf Extract in A549 Lung Adenocarcinoma Cells. *Medicina* 2026, 62, 1514. <https://doi.org/10.3390/medicina62081514>
15. Liga, S.; Vodă, R.*; Lupa, L.; Pop, R.; **Haj Ali, D.***; Predescu, I.-A.; Dehelean, C.A.; Péter, F. Comparative In Vitro

16. Maghiar, L.; Iftode, A.; Neamțu, A.-A.; Maghiar, T.-A.; Chioibas, R.; **Haj-Ali, D.**; Dumitrescu, C.; Solomon, C.-N.; Iovin, V.-C.; Tica, O.; et al. Pregnancy-Associated Melanoma: A Molecular Reappraisal of the Hormonal Hypothesis, Illustrated by a Postpartum-Persistent Melanoma In Situ. *Diagnostics* 2026, 16, 2485. <https://doi.org/10.3390/diagnostics16152485>
17. Raduț (Mihart), S.G.; Antal, A.G.; Nicolescu, C.; Socoliuc, V.; Ianoș, R.; Predescu, I.-A.; **Haj Ali, D.**; Dehelean, C.-A.; Sbârcea, L.; Moacă, E.-A. Oleic acid double-coated Fe₃O₄-based magnetic colloidal suspension induces dose-dependent cytotoxicity and mitochondrial dysfunction in HepG2 cells. *Farmacia* 2026, 74, 938-952. <https://doi.org/10.31925/farmacia.2026.4.6>
18. Cristea, A.M.#; Macașoi, I.G.; **Haj Ali, D.#**; Jupâneanț, R.A.; Coricovac, D.E.; Dehelean, C.A.; Tchiakpe-Antal, D.-S.; Dumitrașcu, V.; Jîjie, A.-R.; Lăcătuș, M.; et al. Eriobotrya japonica (Loquat) Leaf Extract: An Integral In Vitro and In Ovo Approach to Antimelanoma Potential and Safety. *Int. J. Mol. Sci.* 2026, 27, 7676. <https://doi.org/10.3390/ijms27177676>
19. Neagu, M.C.#; **Haj Ali, D.#**; Iacob, E.R.; Smeu, A.; Stoicescu, R.; Popoiu, C.M.; Boștinăru, G.; Marcu, Ș.; Ianoș, R.; Socoliuc, V.; et al. Comparative Physicochemical Characterization and Biological Effects of Magnetite- and Maghemite-Based Magnetic Colloidal Suspensions in A704 Renal Cancer Cells. *Pharmaceuticals* 2026, 19, 1381. <https://doi.org/10.3390/ph19091381>
20. Dahma, R.; Moacă, E.-A.; Predescu, I.-A.; Dragomir, A.-C.; Iftode, O.-A.; Iurciuc, S.; **Haj Ali, D.**; Macașoi, I.; Sala-Cîrtog, M.; Crintea, I.-N.; et al. Preclinical Evaluation of Labetalol for Cutaneous Melanoma Drug Repurposing: Cytotoxic Activity in A375 Cells and Mitochondria-Associated Apoptotic Signaling. *Medicina* 2026, 62, 1802. <https://doi.org/10.3390/medicina62091802>

ABSTRACTS AT INTERNATIONAL AND NATIONAL CONFERENCES

1. **D. Haj Ali**, A. Smeu, A. Semenescu, I. Predescu, C.A. Dehelean. In Vitro Assessment of Synergistic Anti-Tumor Effects of Resveratrol and Fisetin in Hepatocellular Carcinoma- Naunyn-Schmiedeberg's Arch Pharmacol (2025). 10th German Pharm-Tox Summit 2025 <https://doi.org/10.1007/s00210-025-03881-x>
2. Predescu, IA; Coricovac, DE; **Haj Ali, D**; Dehelean, CA; Pinzaru, IA. Rutin as an Epithelial-to-Mesenchymal Transition (EMT) Modulator and Apoptosis Inducer in Melanoma: A Molecular Insight into Its Antimetastatic Effects. 59th Congress of the European Societies of Toxicology (EUROTOX), Athens, Greece, 14-17 September 2025 (poster).
3. **Haj Ali, D**; Pînzaru, IA; Predescu, IA; Dehelean, CA; Coricovac, DE. Investigation of Rutin's Effect on Murine Melanoma Cell Behavior and Response to Treatment via Modulation of Melanin Production. 59th Congress of the European Societies of Toxicology (EUROTOX), Athens, Greece, 14-17 September 2025 (poster).
4. Iasmina-Alexandra Predescu, **Diana Haj Ali**, Dorina Coricovac, Cristina-Adriana Dehelean, Iulia Pînzaru. Immunofluorescence analysis of Rutin's effects on melanoma cells. Poster presentation (ID 1501). 20th National Congress of Pharmacy. 24–26 September 2025. Târgu Mureș, Romania.
5. **Diana Haj Ali**, Iasmina-Alexandra Predescu, Dorina Coricovac, Cristina-Adriana Dehelean, Andrada Iftode, Ștefania-Irina Dumitrel, Iulia Pînzaru. Replacing animals in skin cancer research: the 3D model approach. Poster presentation (ID 1495). 20th National Congress of Pharmacy. 24–26 September 2025. Târgu Mureș, Romania.
6. **Haj Ali, D.**; Predescu, I.-A.; Nicolescu, M.; Păcurar, A.; Coricovac, D.; Dehelean, C.A. Exploring the Combined Anticancer Efficacy of Omeprazole and Silibinin in Hepatocellular Carcinoma. *Toxicol. Lett.* 2026, 423 (Suppl.), 112483, P18-115. <https://doi.org/10.1016/j.toxlet.2026.112483> (EUROTOX 2026)
7. Cristea, A.M.; **Haj Ali, D.**; Predescu, I.-A.; Anton, A.; Dehelean, C.A.; Tchiakpe-Antal, D.-S. In Vitro Evaluation of the Cytotoxic and Pro-Apoptotic Effects of an Aqueous Eriobotrya japonica Leaf Extract in A549 Lung Carcinoma Cells. *Toxicol. Lett.* 2026, 423 (Suppl.), 112457, P18-88. <https://doi.org/10.1016/j.toxlet.2026.112457> (EUROTOX 2026)
8. Predescu, I.-A.; Liga, S.; **Haj Ali, D.**; Dumitrel, Ș.-I.; Cristea, A.-M.; Brînzei, I.; Dehelean, C.-A.; Coricovac, D. Biological Effects of Puerarin-Loaded Proniosomes in MIA PaCa-2 Human Pancreatic Cells: A Preliminary In Vitro and In Ovo Assessment. *Toxicol. Lett.* 2026, 423 (Suppl.), 112482, P18-114.

<https://doi.org/10.1016/j.toxlet.2026.112482> (EUROTOX 2026)

9. Moaca, E.A.; **Haj Ali, D.**; Marcovici, I.; Jijie, A.R.; Anton, A.; Cristea, A.-M.; Draghici, G.A.; Watz, C.G.; Dehelean, C.A.; Oancea, C.; Socoliuc, V. Taxus baccata Aril-Mediated Green Synthesis of Fe₃O₄ Nanoparticles for Lung Cancer: Antiproliferative Effects, Respiratory Safety Assessment, and Hyperthermia Potential. Toxicol. Lett. 2026, 423 (Suppl.), 112592. <https://doi.org/10.1016/j.toxlet.2026.112592> (EUROTOX 2026)
10. Jijie, A.-R.; Moacă, E.A.; **Haj Ali, D.**; Cristea, A.; Anton, A.; Minda, I.D.; Dehelean, C.A. Cytotoxic and Anti-Clonogenic Effects of a Taxus baccata Aril–Seed Ethanolic Extract in A549 Lung Cancer Cells: An In Vitro/In Ovo Assessment. Toxicol. Lett. 2026, 423 (Suppl.), 112928. <https://doi.org/10.1016/j.toxlet.2026.112928> (EUROTOX 2026)

WORKSHOPS

FELASA Workshop on Severity Classification and Reporting under EU Directive 2010/63/EU

PROJECTS

Project member: CNFIS-FDI-2026-F-1237 entitled "Harnessing the educational and research potential of the UMFVBT medicinal plant training facility through its transition to a botanical garden – a pilot project for sustainable institutional development", acronym TRANZ-PLANTMED