


# Dr. Hazhmat A. Ali

Assistant Professor of Pharmacology, Researcher, and Multilingual

Academic lecturer with 10 years of extensive experience in academia, currently working as a Faculty member and researcher. Possess +5 years of industry experience in laboratory medicine. Genuinely passionate in academia and research.

 Duhok

 +964 750 468 3697

 [hazhmat.ali@uod.ac](mailto:hazhmat.ali@uod.ac)



## ❖ EDUCATION:

### 2011 – 2012 M.Sc. in Molecular Immunology

Faculty of Medicine, University of Nottingham, Nottinghamshire, the United Kingdom.

### 2019 – 2023 Ph.D. in Pharmaceutics

Doctoral School of Pharmaceutical Sciences, University of Szeged, Szeged, Hungary.

## ❖ EMPLOYMENT:

### Mar 2009 – Dec 2012 Teaching/research assistant (full time)

Faculty of Medicine, University of Duhok, Duhok, Kurdistan Region, Iraq

### Dec 2012 – Apr 2016 Assistant lecturer (full time)

Faculty of Medicine, University of Duhok, Duhok, Kurdistan Region, Iraq

### Apr 2016 – Sep 2019 Senior lecturer (full time)

Faculty of Medicine, University of Duhok, Duhok, Kurdistan Region, Iraq

### Jan 2013 – Dec 2018 Clinical laboratory scientist (part time)

Duhok Private Hospital, Duhok, Kurdistan Region, Iraq

### Sep 2019 – July 2023 Graduate research assistant (full time)

University of Szeged, Szeged, Hungary

### Dec 2023 – now Assistant Professor of Pharmacology (full time)

College of Medicine, University of Duhok, Duhok, Kurdistan Region, Iraq

## ❖ AREAS OF EXPERTISE:

- Cell based studies; cell isolation, seeding, culture and treatment.
- *In-vitro* pharmacology; cell cycle analysis by flowcytometry, anti-proliferative assay, wound healing, tubulin polymerization, apoptotic and invasion assays.
- Diagnostic microbiology: gram stain, culture and interpretation of clinical specimens.
- Clinical chemistry: routine tests used in the clinical laboratories.
- Hematology: blood film preparation and staining, complete blood count, differential leukocyte count, reticulocyte count and interpretation of common hematological disorders.
- Immunology and serology: common immunoassays such as ELISA, vidas, chorus... etc.
- Specimen collection and handling (phlebotomy), IM and IV injections.
- *In-vivo* studies; animal restrain and surgery “rats, mice, rabbits” and specimen collection.
- Data analysis, interpretation and visualization (SPSS & Graph Pad).

## ❖ LANGUAGES:

- Kurdish (mother tongue).
- English (proficient user/ C1).
- Arabic (proficient user/ C1).
- Hungarian (elementary/ A1).
- German (elementary/ A1).

## ❖ ACADEMIC SKILLS:

- Academic teaching.
- Leadership and tutoring.
- Research (preclinical & clinical).
- Data analysis and visualization.

## ❖ AWARDED CERTIFICATES:

- Computer proficiency. University of Duhok, September 2010
- English language proficiency. University of Duhok, September 2011.
- University teaching (license). University of Duhok, January 2014.
- COVID-19: operational planning guidelines and COVID-19 partner's platform to support country preparedness and response. WHO, March 2020.
- Covid-19 training for health workers. Stanford University, November 2020.
- Healthy practices: nutrition, physical activity, and community and family participation. University of Colorado, December 2020.
- Herbal medicine. University of Minnesota, December 2020.
- Foundations of virtual instruction. University of California, Irvine, March 2021.
- Foundations of project management. Google, December 2021.
- COVID-19 contact tracing. John Hopkins University, February 2022.
- COVID-19 vaccine ambassador training. John Hopkins University, February 2022.
- EMT foundations. University of Colorado, August 2022.
- Understanding cancer metastasis. John Hopkins University, September 2022.

## ❖ SELECTED PUBLICATIONS:

- Krstić G, Saidu Mb, Bombicz P, De S, **Ali H**, Zupkó I, Berkecz R, Rédei D, Hohmann J. Pauciflorins A–E, unexpected chromone-monoterpene-derived meroterpenoids from *Centrapalus pauciflorus*. *J Nat Prod.* 2023; 86, 891–896. <https://doi.org/10.1021/acs.jnatprod.2c01132>
- Saidu Mb, Krstić G, Todorović N, Berkecz R, **Ali H**, Zupkó I, Hohmann J, Rédei D. Monoterpenoid 5-methylcoumarins from *Centrapalus pauciflorus* with antiproliferative activity. *Arab J Chem.* 2023; 16 (6): 104777. <https://doi.org/10.1016/j.arabjc.2023.104777>
- **Ali H**, Traj P, Szebeni GJ, Gémes N, Resch V, Paragi G, Mernyák E, Minorics R, Zupkó I. Investigation of the antineoplastic effects of 2-(4-chlorophenyl)-13 $\alpha$ -estrone sulfamate against the HPV16-positive human invasive cervical carcinoma cell line SiHa. *Int J Mol Sci.* 2023; 24(7):6625. <https://doi.org/10.3390/ijms24076625>
- Kovács É, **Ali H**, Minorics R, Traj P, Resch V, Paragi G, Bruszel B, Zupkó I, Mernyák E. Synthesis and Antiproliferative Activity of Steroidal Diaryl Ethers. *Molecules.* 2023; 28(3):1196. <https://doi.org/10.3390/molecules28031196>
- Péter Traj, **Ali H**, Anett Németh, Sámuel Trisztán Dajcs, Ferenc Tömösi, Tea Lanisnik-Rizner, István Zupkó & Erzsébet Mernyák. Transition metal-catalysed A-ring C–H activations and C(sp<sup>2</sup>)–C(sp<sup>2</sup>) couplings in the 13 $\alpha$ -oestrone series and in vitro evaluation of antiproliferative properties. *J Enzyme Inhib Med Chem.* 2021; 36:1, 895-902. <https://doi.org/10.1080/14756366.2021.1900165>
- Jójárt R, **Ali H**, Horváth G, Kele Z, Zupkó I, Mernyák E. Pd-catalyzed Suzuki-Miyaura couplings and evaluation of 13 $\alpha$ -estrone derivatives as potential anticancer agents. *Steroids.* 2020; 164:108731. <https://doi.org/10.1016/j.steroids.2020.108731>

### ❖ AWARDED SCHOLARSHIPS:

- A fully funded government scholarship (Human Capacity Development Program) awarded by Kurdistan Regional Government/Iraq to study M.Sc. in the United Kingdom, 2010.
- A fully funded government scholarship (Stipendium Hungaricum) awarded by the Hungarian Government to study PhD in Hungary, 2019.

### ❖ MEMBERSHIPS:

- Member of the European Association for Cancer Research since 2020.
- Member of the American Association for Cancer Research since 2022.

### ❖ ESSENTIAL LINKS:



<https://www.linkedin.com/in/hazhmat-ali/>



<https://www.researchgate.net/profile/Hazhmat-Ali>