



Lecturer

Lect. Dr. Nafiseh Ghorbanali Mohammadali Bagherian

Faculty member

Pharmacy

nafiseh.ghorbanali@alzahraa.edu.iq

Academic Degree

Academic Degree: PhD

Granting University: Arak University

General Specialization: Chemistry

Exact Specialization: Organic chemistry

Faculty Academic Experience

- University Lecturer; science college- Arak University- I.R.Iran (2017-2018)
- University Lecturer; Al-Zahraa University for Women- Karbala- Iraq) 2023-present)

Scientific Research, Books & Publications

Novel diazen-bis(phenoxy-1,2,3-triazole-N-phenylacetamide) derivatives as potent anti-cholinesterase, anti- α -glycosidase and anti- α -amylase agents: In vitro and in silico evaluations Journal of MolecularStructure (2025)

Antiproliferative and Apoptosis-Inducing Effects of Peganum harmala L. Seed Extracts on Gastric Adenocarcinoma, Journal of Herbmed Pharmacology (2025)

Rational design of new quinoline-benzimidazole scaffold bearing piperazine acetamide derivatives as antidiabetic agents., Bioorganic Chemistry (2024)

Chemically stable porous crystalline macromolecule hydrazone-linked covalent organic framework for CO₂ capture. Colloidsand Surfaces A : Physicochemical and EngineeringAspects (2021)

NationalPatent : carbon dioxide capture by chemically stable nanoporous polymer structure (2021)

Scientific Courses Taught

- Organic chemistry I (Theory)
- Organic chemistry II (Theory)
- Identification of organic compounds (Theory)
- Theory of separation of Organic compounds (Theory)
- General chemistry lab
- Analytical chemistry lab
- Organic chemistry I lab
- Organic chemistry II lab
- Organic chemistry III lab

Courses, Seminars & Workshops Conducted

- HSE workshop (2014)
- NMR workshop (2017)
- Patent workshop (how to
- patent some subjects) (2017)