Asst. Prof. Dr. Amirhossein Fallah,

Faculty of Pharmacy,
Girne American University (GAU)
Girne, TR.North Cyprus via Mersin 10, Turkey
Phone: +(90) 5338876348
Email: amir_fallah@hotmail.com
amirfallah@gau.edu.tr
Date of Birth: September 21, 1983

Citations > 103
h-index 5

Google Scholar: *https://scholar.google.com/citations?user=KyzJjskAAAAJ&hl=en&oi=ao*
LinkedIn: *https://www.linkedin.com/in/amirhossein-fallah-82950651/*
ResearcherID: *https://publons.com/researcher/4805557/amirhossein-fallah/*
ORCID: *https://orcid.org/0000-0003-1271-8522*

Academic Background

- **2022 promoted to assistant professor**
- **2015- 2020 Ph.D. Candidate**
  Eastern Mediterranean University (EMU), **Cyprus**

Supervisor(s): Prof. Dr. Mustafa Gazi

Thesis:

Boron-doped Sucrose Carbons for Supercapacitor Electrode: Artificial Neural Network-Based Modelling Approach

- **2012-2014 M.Sc.**
  University Technology Malaysia (UTM), **Malaysia**

Supervisor: Prof. Dr. Salasiah Endud

Thesis:

METFORMIN-FUNCTIONALIZED MESOPOROUS SBA-15 NANOCOMPOSITE: HYDROTHERMAL SYNTHESIS, STRUCTURAL CHARACTERIZATION AND POTENTIAL SENSING APPLICATION

- **2003-2008 B.Sc.**
  Bu-Ali Sina University (BASU), Hammedan, **Iran**

Academic and Research Experience

Lecturer	Faculty of Pharmacy, Girne American University, Cyprus Faculty of Engineering, Girne American University, **Cyprus**	2021-Now
Rector Consultant	D-8 international university, **Iran**	2020-2021
Research Assistance (RA)	Nanoscience and Nanotechnology Research Center (NNRC), Razi University, **Iran**	2007-2010
Research Assistance (RA)	Faculty Of Pharmacy, Eastern Mediterranean University, **Cyprus**	2014-2020

Honors and Awards

2014-2020 *Research assistant scholarship award*
Eastern Mediterranean University (EMU), ***Cyprus***

2013 *MIS scholarship from Ministry of higher education,*
University Technology Malaysia (UTM), ***Malaysia***

2013-2014 Graduate Assistantship (GA) Scheme Award
University Technology Malaysia (UTM), ***Malaysia***

2009 Research grant
National Elite Foundation, **IRAN**

Professional Memberships

- Member, Iranian Chemical Society (ICS)
- Member, Iran Elites National Foundation

Conference Committees

- **Co-organizer**, 15th Iranian Seminar of Organic Chemistry (ISOC), Razi University, Kermanshah, **Iran**, 2008

Teaching Summary

While at Girne American University (GAU), Cyprus:

No.	Course name	Degree	Year (s)
1	Pharmaceutical Chemistry 1,2, and 3	B.SC	2021-now
1	General Chemistry	B.Sc.	2021-now
2	Petroleum and Gas Technology	B.Sc.	2021-now
3	Material Chemistry	B.Sc.	2021-now

4	Introductory to Nanoscience and Nanotechnology	B.Sc.	2021-now
5	International AS/A Level Chemistry	College	2021-now
6	IGCSE Chemistry	College	2021-now

While at Eastern Mediterranean University (EMU), Cyprus:

No.	Course name	Degree	Year (s)
1	General Chemistry	B.Sc.	2014-2020
2	Pharmaceutical Chemistry	B.Sc.	2014-2020
3	Organic Chemistry	B.Sc.	2021-2020
4	Analytical Chemistry	B.Sc.	2021-2020

Patent(s)

1. **A.H. Fallah**, A. Alizadeh (**2007**), *Preparation of glassy materials at room temperature through modified sol-gel technique*, Iran Patent 40213.

Publications

1. Shukur, K., **Fallah, A.**, Terali, K., Kalkan, R., Gazi, M., & Gülcan, H. O. 3-Hydroxy-7, 8, 9, 10-tetrahydro-6H-benzo [c] chromen-6-one and 3-hydroxy-6H-benzo [c] chromen-6-one act as on-off selective fluorescent sensors for Iron (III) under in vitro and ex vivo conditions. *Turkish Journal of Chemistry*, *45*(3), **(2021)**, 858-867.

2. Pournaki, M., **Fallah, A.**, Gülcan, H. O., & Gazi, M. A novel chitosan-based fluorescence chemosensor for selective detection of Fe (III) ion in acetic aqueous medium. *Materials Technology*, *36*(2), **(2021)**, 91-96.

3. **Fallah, A.**, Oladipo, A. A., & Gazi, M. Boron-doped sucrose carbons for supercapacitor electrode: artificial neural network-based modelling approach. *Journal of Materials Science: Materials in Electronics*, *31*(17), **(2020)**, 14563-14576.

4. **Fallah, A.**, Noshadi, B., Gazi, M., & Gülcan, H. O. Urolithin A and B Derivatives as ON-OFF Selective Fluorescent Sensors for Iron (III). *Journal of Fluorescence*, *30*(1), **(2020)**, 113-120.

5. Mavideniz, A., **Fallah, A.**, Koshravi, F., Ahdno, F., Arter, M., ERÇETİN, T., ... & GÜLCAN, H. O. SCREENING THE CHOLINESTERASE INHIBITORY POTENTIAL OF SOME (1E, 4E)-1, 5-DIPHENYLPENTA-1, 4DIEN-3-ONE DERIVATIVES. EMU Journal of Pharmaceutical Sciences, 2(1), **(2019)**, 7-12.

6. **Fallah, A.**, Gülcan, H. O., & Gazi, M. Urolithin B as a simple, selective, fluorescent probe for sensing Iron (III) in semi-aqueous solution. *Journal of fluorescence*, *28*(5), **(2018)**, 1255-1259.

7. **Fallah, A. H.**, Endud, S., Alizadeh, A., & Chien, L. S. Metalloporphyrin/dendrimer-decorated MCM-41 biomimetic hybrid catalysts: High stability combined with facile catalyst recyclability. *Journal of Porous Materials*, *25*(6), **(2018)**, 1813-1823.

8. Norouzbahari, M., Burgaz, E. V., Ercetin, T., **Fallah, A.,** Foroumadi, A., Firoozpour, L., ... & Gulcan, H. O. Design, synthesis and characterization of novel urolithin derivatives as cholinesterase inhibitor agents. *Letters in Drug Design & Discovery*, *15*(11), **(2018)**, 1131-1140

9. **Fallah, A.**, Gülcan, H. O., Gülcan, C., Erçetin, T., Kabaran, S., Kunter, I., ... & Şahin, M. F. Traditional Techniques Applied in Olive Oil Production Results in Lower Quality Products in Northern Cyprus. *Turkish Journal of Pharmaceutical Sciences*, *15*(2), **(2018)**, 190.

10. Sanajou, S., Nourhashemi, S., **Fallah, A.**, Ercetin, T., Sahin, M. F., & Gulcan, H. O. THE INVESTIGATION OF THE INTERACTION OF SEVERAL ANTIPSYCHOTIC DRUGS WITH HUMAN CHOLINESTERASE ENZYMES. *EMU Journal of Pharmaceutical Sciences*, *1*(1), **(2018)**, 1-5.

11. Abdi, G., Alizadeh, A., Khodaei, M., Shamsuddin, M., Ghouzivand, S., Fakhari, M., ... & **Fallah, A.** N, N-Dimethylbiguanide immobilized on mesoporous and magnetically separable silica: Highly selective and feasible organocatalyst for synthesis of β-nitroalcohols. Iranian Journal of Catalysis, 5(3), **(2015)**, 261-268.

12. **Fallah A.H.;** Kordestani D.; Alizadeh A. and salasiah endud., Supported Palladium Catalysis using a Biguanide N-donor Motif on Mesoporous silica for Suzuki–Miyaura Coupling Reaction, Advanced Materials Research 622-623 **(2013**) 757-761

13. A. Alizadeh, M. Khodaei, **A.H. Fallah**, D. Kordestani, M. Beygzadeh, The successful synthesis of biguanide-functionalized mesoporous silica catalysts: Excellent reactivity combined with facile catalyst recyclability, Microporous and Mesoporous Materials, 159 **(2012)** 9–16.

Conferences Presentations

1. Mustafa Gazi, **Amirhossein Fallah**, Akeem Adeyemi Oladipo. Sugar-derived Flexible Multiporous Carbon Materials for High-performance Supercapacitor, 2nd International Conference on Physical Chemistry & Functional Materials (PCFM **2019**, Cappadocia), Cappadocia, Turkey

2. **Fallah, A.,** Gülcan, H. O., & Gazi, M. Urolithin B as a Simple, Selective, Fluorescent Probe for Sensing Iron(III) in Semi-Aqueous Solution, 1st Eurasia Biochemical Approaches & Technologies (EBAT) Congress. Antalya, Turkey, **2018.**

3. **Fallah A.H**. Nourouzbahari, M., Gülcan, H. O., & Gazi, M. Questioning the N-benzyl group within the aryl-spacer-N-Benzyl pharmacophore employed for the design of cholinesterase inhibitor agent, Pharmaceutical Chemistry : Design, Synthesis, Production and Standardization congress, Antalya, Turkey, **2018.**

4. **Fallah A.H.**; Alizadeh A.; Salasiah endud and Khosravi F. “Metformin-Functionalized Mesoporous SBA-15 Nanocomposite: Hydrothermal Synthesis and Potential

Conversion of 4-Nitrophenol to 4-Aminophenol" International Conference on Chemistry, Biomedical and Environment Engineering (ICCBEE'14), Antalya, Turkey, **2014**.

5. **Fallah A.H.;** Chien L.S and Salasiah Endud. "Iron (III) Porphyrin Dendrimer-Mesoporous Silica as Biomimetic Catalyst for Selective Oxidation of Trimethylphenol. Tenth Regional Annual Fundamental Science Symposium, Johor Bahru, Malaysia, **2012.**

6. **Fallah A.H.**; Kordestani D.; Alizadeh A. and salasiah endud. "Supported Palladium Catalysis using a Biguanide N-donor Motif on Mesoporous silica for Suzuki–Miyaura Coupling Reaction" International conference on Nanostructures and Nanomaterials and Nanoengineering, Singapour, **2012.**

7. **Fallah A.H.;** Alizadeh A.; Khodaei M.M. "Nano-engineered Silica Xerogel/Metal Composites: Reusable and Stable Heterogeneous Catalysts for Organic Transformations" 15th Iranian Seminar of Organic Chemistry, Kermanshah, Iran**,** **2008.**

8. Alizadeh, A.; **Fallah A.H.** and Yamini Y. "Nano-Engineered Silica Aerogel: An Eco-Friendly Entry to Glassy Materials" 1st Iranian Conference of Nanotechnology in Environments, The Center of Excellence for Environmental NanoTechnology , Isfahan University of Technology, Isfahan, **2007.**

9. **Fallah A.H.;** Alizadeh A. "An Eco-Friendly Entry to Glassy Materials through Nano-Engineered Silica Aerogel" XIVth International Sol-Gel Conference, Montpellier France, **September 2007.**

Specialized Techniques

- Material Chemistry:
  i) Synthesis, Characterization and Study of the Modified Metal Nanoparticles
  ii) Synthesis and Application of Modified Ferromagnetic Nanoparticles in Organic Chemistry and Nanomedicines
  iii) Synthesis, Characterization and Application of Organic-Inorganic Mesoporous Hybrid Nanomaterials

- Synthetic Organic Chemistry

- Experience with various material characterization techniques i.e. TEM, SEM, EDX, TGA, XRD, XPS, BET, NMR, FTIR and other material characterization techniques.