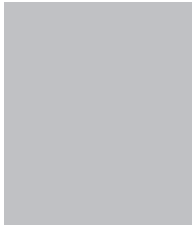


PERSONAL  
INFORMATION

Mitra Kiani

EDUCATION AND  
TRAINING

- 
- 2022-2025      Pharmacology and toxicology Ph.D. student  
Sapienza universita di Roma
- 2012-2018      Professional pharmacy doctoral program (single course 6 years)  
Tehran University of Medical Science (top 3 universities in Iran-QS ranking)  
**Supervisor:** professor Mehdi Shafiee Ardestani  
**Title:** The Synergic effect of iodixanol conjugated to anionic linear globular dendrimer G2 on the iodixanol in MCF-7 cell lines  
**Final dissertation ( Thesis mark):** 19 out of 20  
Finalizing the professional pharmacy doctoral degree: On-time

PROFESSIONAL  
EXPERIENCE

2020 (June)-2021(Jan) **Pharmaceutical biotechnology lab**  
 Responsibility: Researching and following up experimental methods and focusing on enzyme immobilization promotion and associating in anti-diabetic novel agents projects for selective treatment of type 2 diabetes.

2018 (October)- 2020 (June) **IRAN Vice-Chancellor for Food and Drug Administration**  
 Responsibility: As a pharmaceutical expert records medical patients' complaints of drug adverse effects to follow up in production lines in pharmaceutical industries, controlling drug stores and pharmacies' implements, and analyse their data.

2018 (April)- 2018 (September) **The Pharmacy of Shaheed Rajaie cardiovascular, medical and research centre**  
 Responsibility: As a pharmacist dispense prescription, counseling to patients via ordering and warning about drugs possible adverse effects, communicating with prescribers especially when the prescribe are unclear via confirming the dosage and formulation, preparing synthetic drugs, and managing staff

2012-2018 **professional doctoral student at Tehran university of medical science**  
 Pharmacy department of Tehran University of Medical Science  
 Experiencing drug delivery promotion of contrast agents specially in cancer diagnosing based on animal models investigation :HEK293 for toxicity test and MCF7 for cellular reuptake .  
 clinical internship and pharmacy practice internship .

**PERSONAL SKILLS**

Native language Persian

Foreign language	UNDERSTANDING		SPOKEN		WRITTEN
	listening	Reading	Interaction	Oral production	
English	B2	B2	B2	B2	B2

Levels : A1 e A2: basic users - B1 e B2: independent users - C1 e C2: advanced users  
 Common European Framework of Reference for Languages

**Laboratory skills**

Weighting, Pipetting technique, characterize enzymes and protein and peptides, being familiar with enzymes and protein and peptides immobilization ranging from Assaying and optimization to reusability, storage stability and kinetic parameters , working with pH meter to preparing buffer, Centrifuges: standard, high speed , Incubators , Use of micropipette, MTT, sonicating.

**Digital, communicative, managemental and organizational skills:**

Office package, email, dropbox, google meet, google drive, pdf analyzing data via sigma-plot  
drawing graphs via sigma-plot

**membership:**

Iranian medical council  
Iranian pharmacists association

**FURTHER INFORMATION**


---

**Advanced courses:**

Electrophoresis (SDS-PAGE)  
High-Performance Liquid Chromatography (HPLC)  
Fast Protein Liquid Chromatography (FPLC)  
Polymerase Chain Reaction (PCR)  
Electrospinning

**Awards**

commendation as a pharmacist in pharmacist's day from IRAN Vice-Cancellor for Food and Drug Administration

**References**

1-professor Mohammad Ali Famarzi, laboraty of biotechnology in pharmacy department of Tehran University Medical Science  
Email: [famararz@tums.ac.ir](mailto:famararz@tums.ac.ir)  
2- professor Hamid Reza Monsef Esfahani, phamacognosy laboratory in pharmacy department of Tehran University Medical Science  
Email: [hamidmonsef@gmail.com](mailto:hamidmonsef@gmail.com)

pr-reviewed  
publications in  
scientific  
journals

1. **M. Kiani**, S.Mojtabavi, H. Jafari-nodoushan, S.R. Tabib, N. Hassannejad, M.A. Faramarzi, "Fast anisotropic growth of the biomineralized zinc phosphate nanocrystals for a facile and instant construction of laccase@Zn<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub>" biological macromolecules 2022, 204, 520-531.
2. M.S. Asghari, M. Mohammaadi-Khanaposhtani, **M. Kiani**, P. Rashidi Ranjbar, E. Zabini, R. Pourbagher, R. Rahimi, M.A. Faramarzi, M. Biglar, B. Larijani, M. Mahdavi, H. Hamedifar, M. H. Hajimiri, "Biscoumarin-1-2-3- triazole hybrids as novel anti diabetic agent: Design , synthesis, in vitro  $\alpha$  glucosidase inhibition, kinetic, and docking studies", *Bioorganic Chemistry*, 2019, 92, 103206.
3. M. Mollazadeh, M. Mohammadi-Khanaposhtani, Y. Valizadeh, A. Zonouzi, M. A. Faramarzi, **M. Kiani**, M. Bigler, B. Larijani, H. Hamedifar, M. Mahdavi, M.H. Hajimiri, "Novel coumarin containing dithiocarbamate derivatives as potent  $\alpha$ -glucosidase inhibitors for management of type diabetes", *Medicinal Chemistry (Sharjah (United Arab Emirates))*, 2020, DOI: 10.2174/1573406416666200826101205.
4. **M. Kiani**, P. Mojard, M. Shafiee Ardestani, "Synergic cellular toxicity and uptake effects of iodixanol conjugated to anionic linear globular dendrimer g<sub>2</sub>", *Nanomedicine Journal*, 2020, 7, 124130

#### Results obtained from research activity

Google Scholar ID: <https://scholar.google.com/citations?user=AkvmUUgAAAAJ&hl=en>  
Publications: 4

**Dati personali** Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".

Il sottoscritt\_ dichiara di essere consapevole che il presente *curriculum vitae* sarà pubblicato sul sito istituzionale dell'Ateneo, nella Sezione "Amministrazione trasparente", nelle modalità e per la durata prevista dal d.lgs. n. 33/2013, art. 15.

19/01/2023

