

Melika Kiani

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Academic Rank Group Assistant Professor of Pharmaceutics Department of Pharmaceutics and Pharmaceutical Nanotechnology,
School of Pharmacy, Iran University of Medical Sciences, Tehran, Iran

EDUCATION

	Year
Ph.D. in Pharmaceutics: Tehran University of Medical Sciences, Tehran	(2006-2013)
PhrmD: Tehran University of Medical Sciences, Tehran	(2016-2023)

SKILLS

- Nanoparticle-based Drug Delivery Systems (Polymeric, Liposomal, and Metallic Nanocarriers)
 - Targeted Cancer Therapy
 - siRNA, miRNA, and chemotherapeutic co-delivery systems
 - Formulation and Optimization of Biopolymeric Nanoparticles (Chitosan, Dextran, Silk Fibroin, PVA, etc.)
 - Design of Experiments (DoE) for formulation optimization
 - Controlled Drug Release & Kinetic Modeling
 - In Vitro and In Vivo Evaluation of nanoformulations
 - Gene Delivery Systems
 - Surface Functionalization & Ligand Conjugation
 - Nanofiber and Hydrogel Fabrication for wound dressing and tissue regeneration
 - Digital and Educational Technologies in Pharmacy Education
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PRESENTATIONS

- Pharmaceutics 1
- Pharmaceutics 2 (Theory)
- Pharmaceutics 3 (Theory)
- Pharmaceutics 4 (Theory and Practice)
- Biopharmacy and Pharmacokinetics
- Cosmetics

- Physical Pharmacy
- Industrial Internship

PATENTS

RESEARCH INTRESTS

Nanomedicine, Novel drug delivery systems, Drug targeting, RNA interference, Wound healing, Educational Technology and Digital Learning in Pharmacy

LINKS

[ORCID](#)

[Scopus Profile](#)

[Google Scholar](#)

[Research Gate](#)

[ISID](#)