

Name / Family **Hamed Morad**

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Address: Kazem Besarati St., Kabiri Tameh Ave., Shahid Hemmat Expy, School of Pharmacy, Iran University of Medical Sciences, Tehran, Iran.

Academic Rank.

Assistant Professor

Group

Pharmaceutics and
Pharmaceutical
Nanotechnology

EDUCATION

Year

Pharm.D, MAZUMS, Iran

2007-2013

Research training courses; UMCG, Netherlands

2014

PhD in Pharmaceutical Nanotechnology, MAZUMS, Iran

2016-2020

SKILLS

- Nano drug delivery systems
- Nanofiber based drug delivery systems
- Industrial scale up
- Conventional drug delivery system
- Transdermal and topical drug delivery
- Micro and nano particles
- Polymeric drug delivery systems
- Metallic nanoparticles
- Nanofilms
- Nanocrystals
- Drug targeting
- Wound healing
- Pharmaceutical production of conventional & novel dosage forms
- Pharmaceutical equipment engineering
- Medical equipment engineering
- Languages: Persian, English, Spanish

PRESENTATIONS

International

- Atenolol microcapsules formulation by emulsion solvent evaporation technique and evaluation their characteristics, ISCOMS, Netherlands, June 2014 (Oral presentation)
- Atenolol microcapsules formulation by emulsion solvent evaporation technique and evaluation their characteristics, CRS, Tehran, Iran, Feb 2014 (Oral presentation)
- Manufacturing fibrillation diagnosis and treatment automatic machine in patient with unstable hemodynamics, International Conference on research in Engineering, Science and Technology, Istanbul, Turkey, 2015 (Oral presentation)

National

- AFM based optimization of PVA:CS composite NFs as a drug delivery nanocarrier, CNF 2019, Tehran, Iran (Poster)
- Preparation and evaluation of physical and antimicrobial characteristic of chitosan biodegradable films containing gentamicine nanoparticles on staphylococcos aureos in order to use in diabetic foot ulcer, Nanomedicine and Nanosafety Conference, Tehran, Iran, 2017 (Poster)
- The invention of an automated device for the treatment of ventricular fibrillation in people with unstable hemodynamics, Annual research congress of Iran's Medical Sciences Students, Babol, Iran, 2012 (Oral)
- The Antioxidant Effect evaluation of Licorice Root from One of Sari's groceries, Annual student research congress of Mazandaran University of Medical Sciences, 2011 (Poster)
- Gutta-percha base cutter during dental incision in endodontics, National Conference on Engineering Science, New Ideas, Tonekabon, Iran, 2014 (Poster presentation)

PATENTS

- Colchicine loaded nanofibers; preparation method, characterization, optimization and related applications (International WIPO-PCT patent), (Patent number: 2020208619) (Application number: PCT/IB2020/054648) (2020)
- Fabrication of microcapsule dosage form of Atenolol (National Patent) (2013)
- Ventricular fibrillation therapy device for patients with unstable hemodynamics (National Patent) (2011)
- Gutta-percha base cutter during dental incision in endodontics (National Patent) (2012)

RESEARCH INTRESTS

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