

Seyedeh Sara Mirfazli

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Academic Rank Group Associate Professor
Medicinal Chemistry

EDUCATION

	Year
MBA in Health Faculty of Entrepreneurship, Tehran University, Tehran, Iran. (www.ent.ut.ac.ir)	2017-2018
Ph.D. in Medicinal Chemistry Department of Medicinal Chemistry, Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran. (www.tums.ac.ir)	2007- 2014
Pharm. D. Faculty of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran. (www.sbm.ac.ir) Achievements: Student award of the year from the Iranian Ministry of Health and Medical Sciences Distinguished student award of the year, Shahid Beheshti University Medical Sciences, School of Pharmacy, Iran	1998-2005

SKILLS

Professional skills:

1. Skilled in synthesis;
 - Comprehensive skill in dealing with various techniques of small molecule and organic synthesis
 - Comprehensive skill in dealing with various techniques of isolation and purification
 - Skilled in some techniques in molecular modeling & Docking
 - Skilled in some techniques in computational chemistry (QSAR)
 2. Skilled in analytical techniques
 - Experienced with Nuclear Magnetic Resonance Spectroscopy (NMR)
 - Experienced with Infra-Red (IR) spectroscopy
 - Experienced with Gas Chromatography (GC)
 - Experienced with Liquid Chromatography–Mass spectroscopy (LC-Mass)
 - Experienced with High Pressure Liquid Chromatography (HPLC)
 3. Skilled in teaching
 - Medicinal chemistry I, II, III
 - Organic chemistry I, II
 - Computational chemistry and drug design
 - Instrumental Analysis
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RESEARCH INTRESTS

My interests are in structure-based drug design and particularly the use of structural biology and structural bioinformatics to help understand the relationships between drug targets and drugs to be applied to drug discovery. On this basis, design, synthesis and testing of novel agents for the treatment of cancer and Alzheimer disease.

LINKS

ORCID

Scopus Profile

Google Scholar Profile

PubMed Articles

ISID

Research gate