



New Technologies Research Group

Nano Biotechnology Department

Dr. Malihe Keramati, Ph.D.

Position: Faculty Member

Rank: Assistant Professor

Education: Ph.D., Pharmaceutical Biotechnology, Pasteur Institute of Iran

Contact Information:

Email: keramatim@pasteur.ac.ir, mkeramati189@gmail.com

Tel: 021-6411-2126

Research Interest(s)/ Specialization(s):

1. Protein engineering
2. Microbial Biotechnology
3. Protein formulation

Orcid: 0000- 0002- 7196- 8751

Isid: https://isid.research.ac.ir/Malihe_keramati

Publications:

Scopus: <https://www.scopus.com/authid/detail.uri>

PubMed: <https://pubmed.ncbi.nlm.nih.gov/?term=malihe+keramati>

Google Scholar: <https://scholar.google.com/citations?user=A7891hgAAAAJ&hl=en>

مستولیت عینا / / تاریخ زیر
محتوای برعهده ایشان .

Brief Scientific Bio:

Education:

-) 2021-2024; Doctor of Business Administration (DBA), Management faculty, Tehran university, (Project Management)
-) 2006- 2012: Pharmaceutical Biotechnology (Ph.D.), Pasteur Institute of Iran, Tehran,Iran.
-) 1997-2002 Pharm.D.: Pharmacy, Faculty of Pharmacy, Kerman University of Medical Sciences, Kerman, Iran.

Supervisors of 7 Ph.D and 10 Msc students , Advisor of 5 Ph.D and 12 Msc students

Principal Investigators of 6 research projects, • Main inventor of 5 internal patents and 1 US patent

Professional Experience:

- 1- Chemical and Molecular Biology: Cell and bacterial Culture, Vector and Primer Design, PCR, RFLP, Gene cloning, Protein Expression and purification, protein characterization, HPLC
- 2- Pharmaceutical Biotechnology: GxP, CTD, Biopharmaceutical characterization and Specification, Quality control of biological products, Analytical method Development and Validation, stability study design, standardization , Biobanking

- 3- Microbial Biotechnology: Bio-product production and Identification, Strain engineering, fermentation and bioproduct screening, MIC, MBC, Anti-biofilm activity, sterility and endotoxin
- 4- Industrial Biotechnology: Cleaning validation, process validation, Biological GMP and GLP