

Javad Hamed

Professor in Microbiology
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Personal Vitae:

- Date of Birth: 2 Aug 66
- Nationality: Iranian
- Marital Status: Married, two children

Higher Education:

- Ph.D. in Microbiology, University of Tehran, Tehran, Iran, 2002.
- M.Sc. in Microbiology, University of Tehran, Tehran, Iran, 1993.
- B.Sc. in Biology, University of Kharazmi, Tehran, Iran, 1989.

Professional Experiences:

- Screening and identification of industrial microorganisms
- Industrial strains maintenance and improvement
- Bioremediation of organic and metal pollutants
- Aerobic and anaerobic microbial corrosion Preparation of Know-How for biotechnological products
- Writing a business plan for biotechnological products
- Design of experiments and optimization of fermentation conditions for biotechnological products
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Current responsibilities:

- Professor in Department of Microbial Biotechnology, School of Biology, College of Science, University of Tehran, since 2015.
- Head of Microbial Technology Products Research Center, University of Tehran, since 2012.
- Head of Department of Microbial Biotechnology, School of Biology, College of Science, University of Tehran, since 2012.

Industrial - research activities:

- Head of scientific consultants in Shifa-farmed Company, 2011-2013. (penicillin G project)
- Scientific Consultant of Baqiattalah University for biotechnology and clean room plant project, 2012-2016.
- Microbial research and fermentation manager in Shifa-farmed company, 2001-2005
- Fermentation consultant in Shifa-Pharmed company, 2005-2013
- Technology transfer and optimization of erythromycin production in Iran
- Know-how preparation of Percipeptide production
- Know-how preparation of Clavulanic acid production
- Know-how preparation of Yeast extract production

- Know-how preparation of Peptone production
- Know-how preparation of Dextran polymer production
- Contribution in editing the microbiological standards of institute of industrial research and standard of Iran

Positions:

- Establishment and Head of UTGC (University of Tehran Genomic Collection): 2012-present.
- Establishment and Head of UTBC (University of Tehran Biocompounds Collection): 2012-present.
- Deputy of Academic Affairs (education and research), College of Science, University of Tehran, 2011-2014.
- Coordinators of Biobanks and Culture Collections of the Country, Biotechnology Development Council, 2012-2014.
- Deputy of Innovation and Entrepreneurship in University of Tehran Science and Technology Park, 2007-2010.
- Deputy of Education in School of Biology, School of Biology, University College of Science, University of Tehran 2004-2007.
- Head of Entrepreneurship Center, Science and Technology Park, University of Tehran, (2008-2010)
- Establishment and Head of UTMC (University of Tehran Microorganisms Collection) (member of World Federation Culture Collections, WDCM 937): 2008-present.
- Associate Professor in Department of Microbiology, School of Biology, University College of Science, University of Tehran (2010-present).
- Assistant Professor in Department of Microbiology, School of Biology, University College of Science, University of Tehran (2002-2010).
- Member of biotechnological committee and scientific consultant, Shifa-Pharmed, Pharmaceutical Co. (1997-2009, 2011-present).
- Head of Department of Microbiology, Faculty of Science, University of Tehran (2002-2005, 2008-2011).
- Lecturer in Division of Microbiology, Department of Biology, Faculty of Science, University of Tehran (1993-2002).
- Head of fermentation pilot in Shifa-Pharmed, Pharmaceutical Co. (2002-2004).
- Head of Education Bureau, Faculty of Science, University of Tehran (1993-1996).

Awards:

- Premium Teacher, University of Tehran, second Education festivals, University of Tehran, 2013.
- Premium Research Project, the 14th Avicenna Festival, Tehran University of Medical Sciences, 2013.
- 2th grade technology project, Chamran prize, Science and Technology Park, University of Tehran, 2010.

Research: Please visit google scholar:

https://scholar.google.com/citations?user=SjC_j6oAAAAJ&hl=en

Teaching:

- **B.Sc. Degree:**
 - Industrial Microbiology, Food Microbiology, Applied Microbiology, Principle of Entrepreneurship.
- **M.Sc. Degree:**

- Advanced Industrial Microbiology, Food Biotechnology, Principles of Fermentation Processes, Physiology of Prokaryotes, Research methods and Design of Experiments, Pharmaceutical Biotechnology.
- ***Ph.D. Degree:***
 - Isolation and Identification of Soil Microorganisms, Microbial Biotechnology, Methods in Microbiology, Biomaterial processing in microorganisms