

Personal Information

First Name Homa
Date of Birth 19th Dec 1955
Marital status Married
Gender Female

Surname Manaheji
Nationality Iranian
Title Dr

Work Address

Department of Physiology, Neurophysiology Research Center, Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Evin, P.O. Box 19615-1178, Tehran- Iran

Email: manahejih@sbmu.ac.ir hshardimanaheji@yahoo.com

Telefax: 09821 22439971

Educational Background

1975-1983 **Doctor of Veterinary Medicine(DVM),
Tehran University, Tehran- Iran**

1983-1988 **Speciality (ph.D) of physiology
Faculty of Medicine, Shahid Beheshti
University of Medical Sciences, Tehran-Iran**

Employment and Professional Experience

1988- 2007 **Assistant Professor and pain researcher
School of Medicine, Shahid Beheshti University of Medical
Sciences, Tehran-Iran**

2007-2017 **Associate professor
School of Medicine, Shahid Beheshti University Medical
Sciences, Tehran-Iran**

2017-present	Professor Faculty of Medicine, Shahid Beheshti University Medical Sciences, Tehran-Iran
2000-2002	Head of the physiology department
2007-20012	Head of the physiology department
2000	Member of the scientific committee of the 1st congress of Iranian society on pain study
2001	Member of the scientific committee of the 2nd Congress of Iranian society on pain study
2001	Member of physiology curriculum revision committee
2003	Member of the scientific committee of the 4 th congress of Iranian society on pain study
2003	Member of the scientific committee of the 16 th congress of the Iranian Society of Physiology and Pharmacology
2007	Member of the basic sciences committee
2008	Corresponding author of an endocrinology textbook
2009	Member of the first student scientific olympiad committee of Shahid Beheshti University
2010 -2019	Member of the training and research committee of physiology department
2010	Member of the basic sciences exam organisation
2011	Member of the scientific committee of the 11 th congress of Iranian society on pain study
2013-2016	IBRO workshop responsible for Pain course (models and spinal single unit recording)
2014-2016	Manager of physiology PhD students

Academic Honors

1988	Awarded for being the top student in the speciality graduation
2011	Awarded for academic honours

Research experiences

The research fields are:

Study and research on the mechanisms of pain, especially

On the:

- * Mechanisms of different models of neuropathic pain
- * Role of signal transduction and neurotransmitters in neuropathic and inflammatory pain
- * Behavioural and molecular research in neuropathic and inflammatory pain models
- * Spinal single unit recording (wind-up and LTP phenomena) in different neuropathic pain models
- * Pharmacological and cognitive studies in neuropathic and inflammatory pain models
- * Study antinociception of the morphine tolerance and induced hyperalgesia mechanisms
- * LFP recording from different brain nuclei in neuropathic pain models

Membership:

1987-present: IASP (International Association for the Study of Pain)

1993-present: Iranian Pain Society

1986-present: Iranian Physiology and Pharmacology Society

1990-present: IBRO (International Brain Research Organisation)

Professional Training

1992 Responsible for the pain course in the first workshop of physiology and Pharmacology research

2008-2016 Responsible for the fellowship's additional pain course workshop

2011 Responsible for the spinal single-unit recording workshop for the Iranian Physiology and Pharmacology Society and neuroscience research center

2013-2016 Responsible for Pain course in IBRO workshop (animal pain models and spinal single unit recording)

2015 Responsible for the Pain course at the 22nd Iranian Physiology and Pharmacology Congress