



**Name:** Abbas Haghparast

**Title:** Professor & Research Director (Principal Investigator)

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**Area of interest:** Neurobiochemical mechanisms of the Reward, Pain & Stress in Sub-cortical areas, and prefrontal-striatal-hippocampal interactions in Decision-Making

**h-index:** 33 (Google scholar), 27 (Scopus)

**Citations:** 3846 (Google scholar), 2963 (Scopus)

**Total papers in the recent three years (2019-2021):** 77

International ISI research Articles: 72 Full-length papers

National and Scopus Articles: 5 Full-length papers

**Total papers:** 277

International ISI research Articles: 219 Full-length papers

National and Scopus Articles: 58 Full-length papers

#### **Personal Statement:**

Abbas Haghparast is currently Professor and director of the research unit for *Neuromodulation and Behavior* at the Neuroscience Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran. He has performed his duties as an associate professor, assistant professor, and lecturer since 1993. He has completed his Postdoctoral Fellow, Institute of Physiology, University of Saskatchewan, Saskatoon-Canada as well as a PhD in Physiology, Tarbiat Modares University, School of Medical Science, Tehran-Iran. Further, into his services, he is the Secretary of the Iran-Brazil Collaboration Desk in the Cognitive Sciences and Technologies Council (CSTC), Iran's Presidency Vice-Chancellor for Research since 2015, and he is the Secretary-General of the Iranian Neuroscience Society (INSS) since 2013. He has received many awards, including Top Researcher Award (2017, 2013, 2010 and 2007) in Basic Medical Sciences at the 18<sup>th</sup>, 14<sup>th</sup>, 11<sup>th</sup>, and 8<sup>th</sup> Research Festival, respectively and outstanding book translator (2009) at the 10<sup>th</sup> Research Festival, Shahid Beheshti University of Medical Sciences, Tehran, Iran. He was also invited as the alumnus lecturer (2011) at the alumni special symposium, 8th IBRO World Congress of Neuroscience, Florence, Italy. He has had the scientific or executive secretary positions of several national congresses and international schools (IBRO) to be held in Iran since 2011, ten years ago. Furthermore, he is currently an editorial board member/referee of several National/Scopus and OA International Journals. He has published 277 articles in national and international Journals.

## **Research line and ongoing projects:**

**One primary line of research in his labs focuses on studying the interrelationship of the Reward-Pain-Stress circuits and involvement of dopaminergic and orexinergic systems in sub-cortical areas such as NAc, VTA, LH, LC, and Hippocampus with behavioral, electrophysiological and molecular (signaling pathways) approaches. In recent years, a second research line is investigating the decision-making processes in specific conditions such as induction of addiction, stress, pain, sleep deprivation, sleep disorders, and neurodegenerative diseases in prefrontal-striatal-hippocampal circuitry.**

## **Positions and Honors:**

- **Professor and Research Director of Unit for Neuromodulation of Pain & Addictive Behaviors, Neuroscience Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran**
- **Post-doctoral Fellowship at the University of Saskatchewan, Saskatoon, Canada (1999-2000)**
- **PhD in Medical Physiology, Tarbiat Modares University, Tehran, Iran (1999)**
- **Master's degree in Medical Physiology, Kerman University of Medical Sciences (1993)**
- **Bachelor's degree in Biological Sciences, Kerman University, Kerman, Iran (1990)**
  
- **Secretary of the Iran-China Collaboration desk in Shahid Beheshti Univeristy of Medical Sciences, 2021-Present**
- **Member of the Iranian Neuroscience Council, Ministry of Health and Education of the Islamic Republic of Iran, 2019-2020**
- **Member of the Iranian Addiction Science Council, Ministry of Health and Education of the Islamic Republic of Iran, 2020-Present**
- **Secretary of the Iran-Brazil Collaboration desk in Cognitive Sciences and Technologies Council of Iran's Presidency Vice-Chancellor for Research, 2015-Present**
- **Director of Scientific Resources, Central Library and Archive Center, Shahid Beheshti University of Medical Sciences, 2015-Present**
- **Secretary-General of the Iranian Neuroscience Society, 2013-Present**
- **Vice-chancellor of Research Affairs, Neuroscience Research Center of Shahid Beheshti University of Medical Sciences, 2011-Present**
- **Editorial Board Member of the Addiction Neuroscience; Elsevier, 2021-Present**
- **Guest Section Editor of Current Addiction Reports; Springer, 2021-Present**
- **Chairman, Journal of Medical Library and Information Science, 2020-Present**
- **Editor-in-Chief, Journal of Advances in Cognitive Sciences, 2019-Present**
- **Editor of Behavioral Neuroscience Section in Basic & Clinical Neuroscience, 2011-Present**
- **Editorial Board member of several National/Scopus and OA International Journals**
- **Executive/Scientific Secretary of several National and International Iranian Congresses**