

Jafar Doostmohammadi

Department of Neuroscience, School of Advanced Technologies in Medicine,
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Current Positions

- **Ph.D. student of Neuroscience** , Tehran University of Medical Sciences (TUMS) **Feb 2015 – Present**
- **Researcher**, Brain Engineering Research Center (IPM) **Sep 2015 – Present**

Education

- **M.S. in Medical Physiology** **Sept. 2009 – Dec. 2012**
Shahid Beheshti University of Medical Sciences (SBMU), Tehran, Iran
Thesis: The role of COX inhibitors on spatial memory in health state and animal model Alzheimer's disease.

Research Interests

- Neural Circuits in Visual Cortex
- Visual Attention

IBRO Travel Grants & Awards

1. IBRO-APRC (International Brain Organization- Asia Pacific regional Committee) Associate Workshop of Neuroscience from Basic Neuroscience to Advanced Applications September 30-October 4, 2013, Islamabad, Pakistan
2. IBRO/APRC Chandigarh Associate Neuroscience, Basic & Research Concepts of Depression and Cognitive Dysfunction, November 03-08, 2014, Panjab University, Chandigarh, India
3. **Best oral presentation** IBRO/APRC Chandigarh Associate Neuroscience, November 03-08, 2014, Panjab University, Chandigarh, India.

Skills

1. **Stereotaxic Surgery & Microinjection Techniques**
2. **Behavioral Tests:** Memory Tests (Morris Water Maze, Shuttle Box), Conditioned Place Preference (CPP), Open field.
3. **Electrophysiology:** Field Potential Recording (in vivo, in vitro), Single Unit Recording.
4. **Data analysis:** Graph Pad Prism, SPSS.

Teaching Assistant:

1. Teaching physiology for undergraduate students at ILam University of Medical Sciences. (2014-2015)

Attended Congress and Schools

1. 19th International Congress of Physiology and Pharmacology; November 3- 6, 2009; Shahid Beheshti University of Medical Sciences, Tehran, Iran
2. 2nd Tehran IBRO School of Neuroscience; May 12-23, 2012 , Tehran, Iran
3. The fifth's international conference of biology; September 4-6, 2012, Kerman, Iran.
4. 21th International Congress of Physiology and Pharmacology; August 23-27, 2013; Tabriz University of Medical Sciences, Tabriz, Iran.
5. IBRO-APRC Associate Workshop of Neuroscience From Basic Neuroscience to Advanced Applications September 30-October 4, 2013, Islamabad, Pakistan.
6. 3rd Tehran IBRO School of Neuroscience; 26October-6 November, 2013, Tehran, Iran (As a teacher lab, Field Potential Recording lab).
7. IBRO/APRC Chandigarh Associate Neuroscience, Basic & Research Concepts of Depression and Cognitive Dysfunction, November 03-08, 2014, Panjab University, Chandigarh, India

Peer-Reviewed Journal Papers

1. **Doost Mohammadpour J**, Hosseinmardi N, Janahmadi M, Fathollahi Y, Fereshteh Motamed, Kambiz Rohampour. "Non-selective COX inhibitors improve amyloid- β and ibotenic acid- mediated suppression of memory and synaptic plasticity" *Pharmacology, Biochemistry and Behavior*, May 2015, 33–41.
2. Karimi M, Biazar E, Heidari Keshel S, Ronaghi A, **Doostmohamadpour J**, Janfada A, Montazeri A. "Rat sciatic nerve reconstruction across a 30 mm defect bridged by an oriented porous PHBV tube with Schwann cell as artificial nerve graft" *ASAIO journal*. Fall 2014, 60(2): 224-233.
3. **Doost Mohammadpour J**, Hossienmardi N, Janahmadi M, Fathollahi Y, Motamedi F, Hooshmandi M. "Aspirin changes short term synaptic plasticity in CA1 area of rat hippocampus" *Iranian Journal of Physiology and Pharmacology*. 2013, 17 (3), 298-307.
4. Haghani K, Bakhtiyari S, **Doost Mohammadpour J**. Alterations in Plasma Glucose and Cardiac Antioxidant Enzymes Activity in Streptozotocin-Induced Diabetic Rats: Effects of *Trigonella foenum-graecum* Extract and Swimming Training. *Canadian Journal of Diabetes*. Can J Diabetes. 2016 Jan 6. pii: S1499-2671(15)00568-7.

Professional Memberships

2009-Present	International Brain Research Organization (IBRO)
2010- Present	Society for Neuroscience (SFN)
2009-Present	Iranian Society of Physiology & Pharmacology (IRSPP)

Google Scholar Profile

Published as Doost Mohamadpour before 2016.

<https://scholar.google.com/citations?user=X4yeHWkAAAAJ&hl=en>

References

Dr. Ali Yoonessi

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Dr. Reza Lashgari

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Dr.Narges Hossienmardi

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