

Curriculum Vitae



Sajjad Salari

Associate Professor

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PERSONAL INFORMATION

Gender: Male

Date of Birth: 1978

Marital Status: Married

Nationality: Iranian

EDUCATION

1. Postdoc, 2013-2015, heart electrophysiology, Linköping University
2. PhD, 2005-2011, Physiology, Shahid Beheshti University of Medical Sciences, Tehran, Iran
3. MSc, 2002-2005, Physiology, Tehran University of Medical Sciences, Tehran, Iran
4. BSc, 1998-2002, Nursing, Tehran University of Medical Sciences, Tehran, Iran

TEACHING EXPERIENSES

1. Cell physiology to medical students
2. Cardiovascular system physiology to medical student
3. Respiratory system physiology to medical students
4. Urinary system physiology to medical students
5. Gastrointestinal physiology to medical students
6. Endocrine system physiology to medical students
7. General physiology to BSc students

PROFESSIONAL SKILLS

1. BLM technique, single channel recording in hepatocytes
2. Patch clamp technique, whole cell recording in cardiac cell line
3. Western blotting
4. Cell culturing, H1-1 cell line
5. Extraction of ER from rat hepatocyte
6. Extraction of mitochondrial inner membrane from rat brain
7. Lipid extraction

COMPUTER SKILLS

Microsoft Office, Endnote, SPSS, Graphpad Prism, Internet

LANGUAGE SKILLS

Kurdish (mother tongue), Persian (native), English (advance)

ACTIVITIES

1. Patch clamp training, 2010-2011, Prof. Fredrik Elinder lab, Linköping University, Sweden
2. Presentation of “Presence of ATP-insensitive K⁺ channels in rough endoplasmic reticulum (RER) in rat hepatocyte” in the 19th Iranian congress of physiology and pharmacology congress, 2009, Tehran, Iran
3. Participation in IBRO associate school of neuroscience as an instructor, IRAN, September 2006
4. Presentation in the 17th Iranian congress of physiology and pharmacology, 2005, Kerman, Iran

PUBLISHED ARTICLES

1. **Salari S**, Eliassi A., Saghiri R. Evidences on the existence of a new potassium channel in rough endoplasmic reticulum (RER) in rat hepatocytes. *Physiol. and pharmacol.* 2011, 15(1):16-26
2. Fahanik-Babaei J, Eliassi A, Jafari A, Sauve R, **Salari S**, Saghiri R. Electro-pharmacological profile of a mitochondrial inner membrane big-potassium channel from rat brain. *BiochimBiophysActa.* 2011, 1808(1):454-60
3. Danielsson C, Brask J, Sköld AC, Genead R, Andersson A, Andersson U, Stockling K, Pehrson R, Grinnemo KH, **Salari S**, Hellmold H, Danielsson B, Sylvén C, Elinder F. Exploration of human, rat and rabbit embryonic cardiomyocytes suggests K-channel block as a common teratogenic mechanism. *Cardiovasc Res.* 2012. [Epub ahead of print]

4. Ghasemi M, Khodaei N, **Salari S**, Eliassi A, Saghiri R. Gating behavior of endoplasmic reticulum potassium channels of rat hepatocytes in diabetes. *Iran Biomed J.* 2014 Jul; 18(3):165-72.
5. Nasirinezhad F, Hosseini M, **Salari S**. Anti-allodynic Efficacy of NMDA Antagonist Peptide and Noradrenaline Alone and in Combination in Rodent Neuropathic Pain Model. *Korean J Pain.* 2015 Apr; 28(2):96-104.
6. **Salari S**, Ghasemi M, Fahanik-Babaei J, Saghiri R, Sauve R, Eliassi A. Evidence for a KATP Channel in Rough Endoplasmic Reticulum (rerKATP Channel) of Rat Hepatocytes. *PLoS One.* 2015 May 7;10(5)
7. **Salari S.**, Bagheri M.; A review of animal models of alzheimer's disease: A brief insight into pharmacologic and genetic models. *Physiology and Pharmacology*, 201620(1), pp. 5-11.
8. **Salari S**, Silverå Ejneby M, Brask J, Elinder F. Isopimaric acid - a multi-targeting ion channel modulator reducing excitability and arrhythmicity in a spontaneously beating mouse atrial cell line. *Acta Physiol (Oxf).* 2017 May 17. doi: 10.1111/apha.12895. [Epub ahead of print]
9. **Salari S**, Bagheri M. In vivo, in vitro and pharmacologic models of Parkinson's disease. *Physiological research.* 2019;68.(1)
10. Bagheri M, Nasrin Bazgir, **Salari S**. Late-onset Pompe Disease with Elevated Liver Transaminases: A Case Report. *Journal of Mazandaran University of Medical Sciences.* 2019;29(180):140-5.
11. Oshnokhah M, Bagheri M, Ghaneialvar H, Haghani K, Khorshidi A, Shahbazi A, et al. Oxidant-Antioxidant Status in Suicide Behavior in Kurdish Ethnicity. *Basic and Clinical Neuroscience.*2020, in press.

CONFERENCES

1. **Sajjad Salari**, Malin Silverå Ejneby, Johan Brask, Fredrik Elinder. Isopimaric Acid - A Promiscuous Ion Channel Modulator and a Potential Drug Candidate Against Atrial Fibrillation. *Biophysical journal*, Volume 110, Issue 3, Supplement 1, p451a, 16 February

2016

2. A C Skold, C Danielsson, Johan Brask, **Sajjad Salari**, K Stockling, A Andersson, E Jalkestén, M Grebius, M Larsson, A Lindstrom, B Blomgren, R Pehrson, B Danielsson, H Hellmold, C Sylven and Fredrik Elinder. Translational Research: Electrophysiological Development in the Embryonic Heart of Rats, Rabbits, and Humans in BIRTH DEFECTS RESEARCH PART A-CLINICAL AND MOLECULAR TERATOLOGY, vol 91, issue 5, pp 357-357. BIRTH DEFECTS RESEARCH PART A-CLINICAL AND MOLECULAR TERATOLOGY, 2011.

REFERENCES

1. Afsaneh Eliassi (Professor)
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