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CV (Curriculum Vitae)

Name: Sohrab

Family: Anvari Haji Mohammadlou

Date of birth: 30 / 4 / 1984

Title:

Appointment:

Institute: Isfahan University of Medical Sciences

School: Medicine

Department: Physiology

Research Center:

work address: Isfahan University of Medical Sciences, Hezar Jarib Ave, Zip Code 81746-73461, Isfahan, Iran

Phone: 9182

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Education

(Most recent Date ,Degree/
Course, Department / University,
Dissertation title)

PhD, Physiology, Tarbiat Modares University, 2022

Relevant Work Experience

(Date, Title, University /
Organization, Description)

post doc/ Tarbiat Modares University, Tehran/ Center of Brain and Cognitive
Sciences

Professional Memberships & Qualification

(Date, Title, association)

Extra Curricular Activities/ Interest (personal url)	
Research Experience (Date, Title, University / Organization, Description)	<ol style="list-style-type: none"> 1. Study design 2. Evoked field potential recording in rat 3. Induction of morphine-tolerant model in rats 4. Behavioral tests: Barnes maze, Morris water maze, tail-flick test, T maze test, active and passive avoidance 5. Immunohistochemistry in brain slice of rats and working by fluorescent microscope 6. ELISA test 7. Western blotting 8. Real-time PCR technique 9. Blood pressure and heart rate measurement in rat (in vivo, femoral artery and vein cannulation) (Shiraz University of Medical Sciences, Dr. Ali Akbar Nekooeian's lab and Shiraz university, Aminollah Bahaoddini's lab) 10. Familiarity with plant extraction methods (Shiraz University, Faculty of Pharmacy, Dr. Mahmoudreza Mein's lab) 11. Familiarity with statistical software (Graphpad Prism, SPSS) and software used in data analysis such as eProbe, ImageJ and graphic softwar Adobe Illustrator, Inkscape and Photoshop. 12. Slice preparation from Hippocampus in rat 13. Familiarity with Patch clamp recording (whole cell recording in hippocampal pyramidal cells)

Grants & Awards (Date, Name, Significant info, Amount)	Post-Doc Grant from the Iran National Science Foundation (INSF), 2025
Research Interests (Research area)	Neuroscience
Presentations & Poster Sessions (Bibliographic format)	1- Poster presentation entitled: "Effects of morphine exposure on the profile of short- and long-term plasticity at perforant path-dentate granule cell synapses along the longitudinal axis of the hippocampus in male rats" at the 13th Basic and Clinical Neuroscience Congress held on December 11-13, 2024 Tehran, Iran. 2- Poster presentation (Accepted) entitled: "Changes in the function of synapses in the CA1 region along the longitudinal axis of the hippocampus caused by chronic morphine consumption in rats" at the 17th Addiction Science Congress.
Patents (Date, Item, Number)	
Teaching Experience	Medical physiology for nursing students, one academic semester, Dehaghan azad university, Esfahan, 1395-1396
Teaching Interests:	
Email address: anvari.sohrab@yahoo.com	

Contact settings: