

In the name of Allah, the most Merciful



Personal information	
Name	Ali Jaafari suha
Date of birth	21 / 09 / 1988
Place of birth	Ardabil – Ardabil
National code	1467510777
Marital status	Single

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1. Educational
background

Educational background					
Educational level	Field/major	Place of study	Year of arrival	End	
Ph.D.	Medical physiology	Shahid Beheshti University of Medical Sciences	2015	2021	
Master's degree	Medical physiology	Tehran University of Medical Sciences	2012	2015	
Bachelor's degree	General Biology	University of Tabriz	2007	2011	

Academic honors			
Title	Country ranking	Year	Description
Selected by the design of Martyr Sayyad Shirazi from <u>National Elite Foundation</u>	-	2018	-
Rank in Ph.D. <u>Entrance exam</u>	1	2015	-
<u>Brilliant talents</u> Office membership	-	2015-2021	-

Shahid Beheshti University of Medical Sciences			
Rank in MSc <i>Entrance exam</i>	3	2012	-
<i>Brilliant talents</i> Office membership Tehran University of Medical Sciences	-	2012-2015	-

Teaching records					
Lesson title	Educational level	Major	Teaching location	Year of teaching	Teaching hours
Heart physiology, Neurophysiology, Renal physiology	Professional Doctorate	MBBS	Shahid Beheshti University of Medical Sciences	2021-2025	178
General physiology	Bachelor's degree	Anesthesiology	Shahid Beheshti University of Medical Sciences	2021-2025	68
Oral Biology and Physiology	Assistant	Dentistry	Shahid Beheshti University of Medical Sciences	2021-2025	4
Biology and physiology of aging	Master's degree	Elderly health	Shahid Beheshti University of Medical Sciences	2021-2025	12
Neurophysiology	Professional Doctorate	Pharmacy, dentistry	Shahid Beheshti University of Medical Sciences	2021-2025	48
General physiology	Master's degree	Anatomy, Medical Engineering	Shahid Beheshti University of Medical Sciences	2021-2025	25
Neurophysiology	Bachelor's degree	Occupational therapy	Shahid Beheshti University of Medical Sciences	2021-2025	34
Eye physiology	Bachelor's degree	Optometry	Shahid Beheshti University of Medical Sciences	2021-2025	34
Exercise physiology	Professional Doctorate	Medicine	Shahid Beheshti University of Medical Sciences	2021-2025	8
Practical physiology	Professional Doctorate	Pharmacy, dentistry, medicine	Shahid Beheshti University of Medical Sciences	2021-2025	68
General and Practical Physiology	Bachelor's degree	Food industry, health	Shahid Beheshti University of Medical Sciences	2021-2025	212
General and Practical Physiology	Bachelor's degree	Nursing, health, midwifery, HIT	Khalkhal Faculty of Medical Sciences	2018-2022	365 <
Pathophysiology	Bachelor's degree	Nutrition	Khalkhal Faculty of Medical Sciences	2018-2022	136
Practical physiology	Professional Doctorate	Medicine,...	Tehran University of Medical Sciences	2014	17

Book printing records			
Title	Publisher	Year of publication	Description
Essentials of Medical Physiology Ganong 2016	Yade Aaref	2016	Translation and Summary

2. Research background

Theses			
Educational level	Title	Supervisor	Professor Advisor
Ph.D.	Investigating the effect of social hierarchy on the electrophysiological properties of hippocampal neurons, as well as the possible role of the properties of these neurons in determining dominance in male rats	Dr. Narges Hosseinmardi	Dr. Mahyar Janahmadi
Master's degree	Ferulic acid treatment on experimental model of temporal lobe epilepsy induced by intrahippocampal injection of kainic acid in male rats	Dr. Seyyed Shahabuddin Sadr	Dr. Mehrdad Roghani

Research projects					
Title	Location of the project	Type of cooperation	Project status	Number of colleagues	Start/End Year
Investigation of behavioral changes and electrophysiological characteristics of the amygdala in inflammation induced by high-fat diet consumption and environmental inflammation and the anti-inflammatory role of beta-hydroxybutyrate in male rats	Shahid Beheshti University of Medical Sciences, Department of Physiology	Professor Advisor	Running	4	2022
The impact of social hierarchy on Value-Based decision making in Male Rats: A Behavioral and Electrophysiological Study of the Amygdala-OFC-ACC Circuit	University of Tabriz, Department of Cognitive Neuroscience	Professor Advisor	Running	4	2022
Investigating the role of microglia in the relationship between social hierarchy formation and stress-related behavioral disorders, histological characteristics, and hippocampal	Shahid Beheshti University of Medical Sciences, Department of Physiology	Professor Advisor	Running	5	2022

synaptic plasticity in male rats with different dominance positions					
Examining the impact of social hierarchy formation on the OB-mPFC-vHPC circuit during a spatial working memory task	University of Tabriz, Department of Cognitive Neuroscience	Consultant	Terminated	4	2022
Examining the impact of social hierarchy formation on the mPFC-vHPC circuit during a spatial working memory task	University of Tabriz, Department of Cognitive Neuroscience	Professor Advisor	Terminated	4	2021
Investigating the effect of acute stressful conditions on working memory and long-term spatial memory performance in a model of dominance hierarchy	Artesh University of Medical Sciences, Department of Physiology	Presenter	Terminated	3	2021-2019
Studying the effect of pretreatment with ferulic acid on the experimental model of temporal lobe epilepsy induced by intrahippocampal injection of kainic acid in male rats	Tehran University of Medical Sciences, Department of Physiology	Presenter	Terminated	4	2015-2018

Articles							
Title	Journal	Order	Year	IF	Cite-Score	Index	Q
Social subordination is associated with better cognitive performance and higher theta coherence of the mPFC-vHPC circuit in male rats. https://doi.org/10.1371/journal.pone.0320952	<i>PLOS ONE</i>	3rd	2025	2.6	5.4	ISI, PubMed, Scopus	Q1/Q2
Faecal Microbiota Transplantation Modulates Morphine Addictive-Like Behaviors Through Hippocampal Metaplasticity https://doi.org/10.1111/adb.70034	<i>Addiction Biology</i>	4th	2025	2.6	7.8	ISI, PubMed, Scopus	Q1/Q2
The distribution of neurotransmitters in the brain circuitry: Mesolimbic pathway and addiction https://doi.org/10.1016/j.physbeh.2024.114639	<i>Physiology & Behavior</i>	4th	2024	2.5	5.2	ISI, PubMed, Scopus	Q1/Q2
Social hierarchy differentially influences the anxiety-like behaviors and dendritic spine density in prefrontal cortex and limbic areas in male rats 10.1016/j.bbr.2024.115043	<i>Behavioral brain research</i>	2nd	2024	2.7	6.2	ISI, PubMed, Scopus	Q1/Q2
Aquaporin-4 inhibition attenuates pentylentetrazole-induced behavioral	<i>Physiology & behavior</i>	2nd	2024	2.9	6.3	ISI, PubMed, Scopus	Q1/Q2

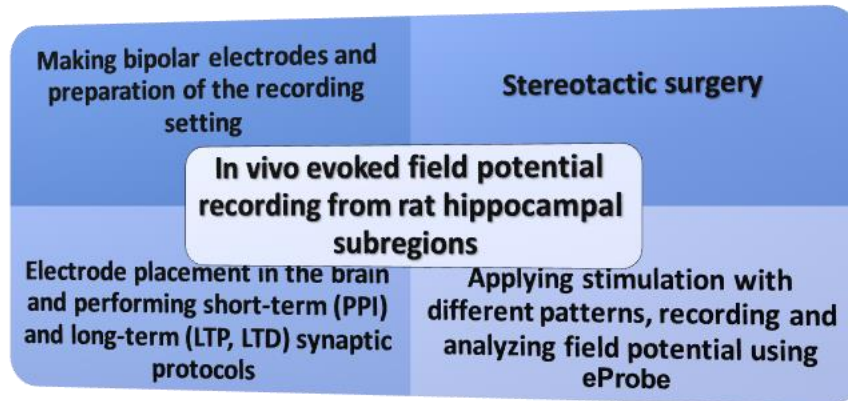
seizures and cognitive impairments in kindled rats. 10.1016/j.physbeh.2024.114521							
A new dipeptide H-MGL partially ameliorates memory impairment in an STZ-induced Alzheimer model in male rats	<i>Basic and Clinical Neuroscience</i>	6th	2023	1.70	2.40	ESCI (ISI), PubMed, Scopus	Q3
The mitochondrial calcium signaling, regulation, and cellular functions: A novel target for therapeutic medicine in neurological disorders https://doi.org/10.1002/jcb.30414	<i>Journal of cellular biochemistry</i>	3rd	2023	4.00 0	11.80	ISI, PubMed, Scopus	Q1/ Q2
Ferulic acid attenuates kainate-induced neurodegeneration in a rat post-status epilepticus model https://doi.org/10.2174/1874467215666220225093737	<i>Current molecular pharmacology</i>	1st	2022	3.85 5	4.8	ISI, PubMed, Scopus	Q2
Spatial working memory is disparately interrelated with social status through different developmental stages in rats https://doi.org/10.1016/j.bbr.2021.113547	<i>Behavioral brain research</i>	1st	2021	3.35 2	5.7	ISI, PubMed, Scopus	Q1/ Q2

Participating in research workshops and holding conferences

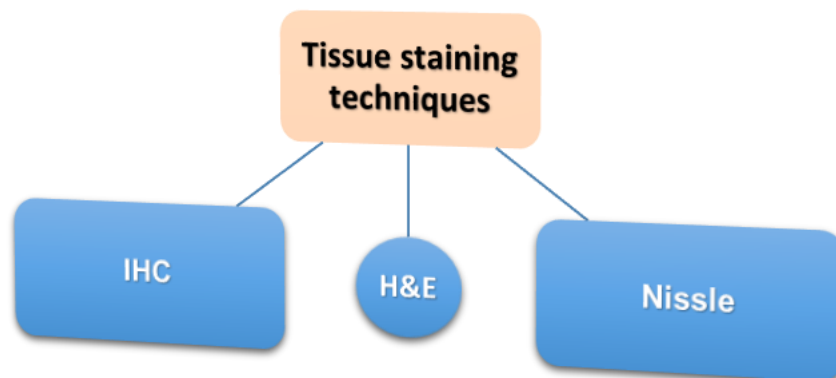
Title	Venue	Duration	Year
Research Methodology Workshop	Shahid Beheshti University of Medical Sciences	4 days	2025
MCQ Question Design Workshop	Shahid Beheshti University of Medical Sciences	1 day	2023
Research Ethics Workshop	Shahid Beheshti University of Medical Sciences	18 hours	2023
Teaching Method Workshop	Shahid Beheshti University of Medical Sciences	4 hours	2023
Preclinical imaging techniques	In collaboration with Tehran University of Medical Sciences and Shahid Beheshti	1 day	2019
Cooperation in implementing the Achievement-Based Education Conference with an emphasis on the knowledge-based economy and technology	Shahid Beheshti University of Medical Sciences	1 day	2018
Workshop on writing articles in English for publication in ISI magazines	Shahid Beheshti University of Medical Sciences	18 hours	2017
Research methodology	Shahid Beheshti University of Medical Sciences	18 hours	2017
How to Write an International Article [Elsevier]	Tehran University of Medical Sciences	1 day	2014

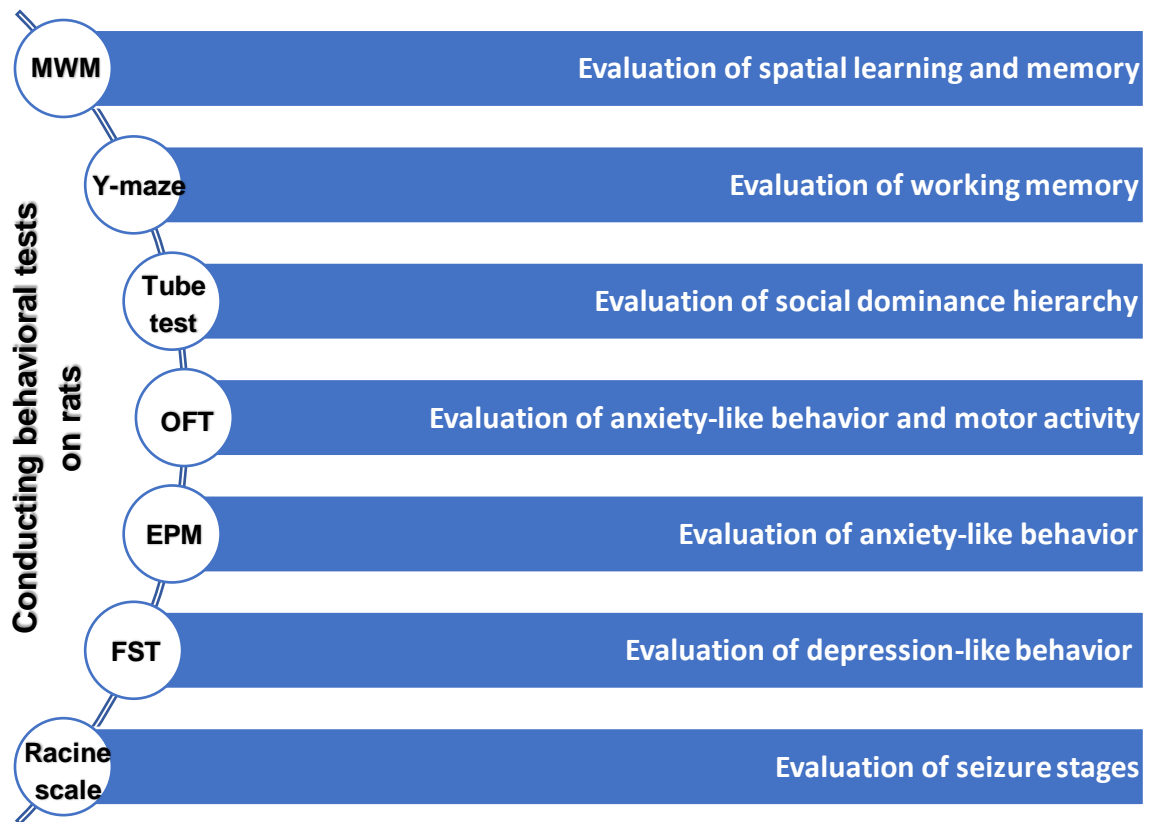
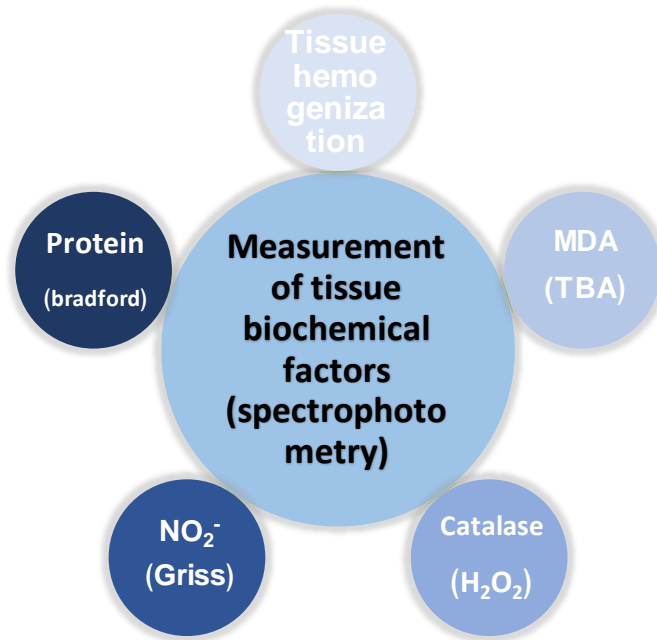
3. Skills

Extracellular electrophysiological recording (Evoked Field Potential Recording)



Performing the tissue stabilization process (brain and other tissues) with Transcardial paraformaldehyde perfusion technique in rats and preparing tissue slices for staining





Proficiency in softwares			
Title	High	Medium	Low
GraphPad Prism (Statistics)	✓		
Excel	✓		
Ethovision (tracking software)	✓		
Word	✓		
EndNote	✓		
Adobe Photoshop	✓		
PowerPoint	✓		
Prezi (presentation software)	✓		
eProbe (electrophysiology)	✓		

Mastering advanced database searching			
Title	Top	Medium	Down
PubMed	✓		
Scopus		✓	
Web of Science		✓	
Google Scholar	✓		

Fluency in English			
Reading	Writing	Listening	Speaking
Upper-intermediate to Advanced	Intermediate to Upper-intermediate	Intermediate	Intermediate to Upper-intermediate

4. Executive and cultural background

Executive and cultural background	
Title	Year
Passing the first course of the School of Science and Religion (Elite Foundation)	2024-2025
Member of the Physiology Promotion Working Group (Physiology and Pharmacology Society)	2025
Assistant of Graduate Studies affairs in Department of Physiology, Shahid Beheshti University of Medical Sciences	2023
Participation in knowledge-enhancing courses	2023
Member of the Student Advisory Committee for Graduate Education Management, Shahid Beheshti University of Medical Sciences	2018-2019
Winning first place team in the intra-university debate competition and being selected as the team for the second round of the inter-university debate.	2019
Member of the Students Union Council of Shahid Beig Mohammadi Complex	2018-2019
Choosing a sample dorm room during Dormitory Week	2018
Winning a place in intramural sports competitions	2016-2017