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**Academic Rank**

*Associate Professor*

**Group** Department of Pharmacology and Toxicology, School of Pharmacy, Iran University of Medical Sciences, Tehran, Iran.

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**EDUCATION**

Degree	Field	Total Average	Date
Pharm. D.	Pharmacy	16.16	2006
Ph. D	Toxicology	17.97	2014

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**SKILLS**

- IHC method
- Western blot
- ICC method
- In vivo studies on Rats and Mice
- Stereotaxic surgery on rats
- Behavioral tests of Autism, Alzheimer's Disease, Parkinson's Disease (Morris Water Maze, Y maze, Three- Chamber test, Self-grooming, Marble burying, Rotary test...)
- TLC
- Mitotherapy
- Spectrophotometry
- SPSS & PRISM
- Endnote
- ELISA
- Atomic absorption machine
- Gas chromatography

## PRESENTATIONS

Topic	Congress name	Place	Year
Scientific reviewer	IPSS25	Ahvaz	2025
Examining the influence of Spikogen subunit vaccine administration during pregnancy on the titer of anti-spike antibodies in neonatal rats	IPSS24 (Iranian Pharmacy Students' Seminar)	Tehran	2024
Scientific reviewer	The24 <sup>th</sup> Seminar of Iranian pharmacy Students	Tehran	2023
Scientific reviewer	International Congress on Pharmacy updates	Tehran	2023
Scientific reviewer	Congress of Immunology and Allergy	Tehran	2023
Study effect of Mono sodium glutamate exposure during pregnancy on causing autism in male offspring rats	International Congress on Pharmacy updates	Tehran	2023
Study of The Effect of Oxytocin on mGluR1 and mGluR5 Glutamate Receptors on Valporic Acid Induced Autism in Male Rats	International Congress on Pharmacy updates	Tehran	2023
The Role of Stem Cells in Treatment of Neurodegenerative Diseases in Preclinical Studies	3 <sup>rd</sup> Annual Congress of IPharmS	Tehran	2021
Scientific reviewer	The 23 <sup>rd</sup> Congress of Pharmacy Students 2021	Tehran	2021
Scientific reviewer	International Congress on Pharmacy updates	Tehran	2021
Study expression of apoptotic and autophagic markers in amyloid beta injected rats following inhibition of nitric oxide/protein kinase G signaling pathway	Second international Congress on Pharmacy updates	Tehran	2019
Study expression of RIP1, RIP3 and MLKL in Alzheimer's rat model following intravenous administration of human adipose derived stem cells (hADSCs)	Second international Congress on Pharmacy updates	Tehran	2019

Effect of L-NAME and KT5823 coadministration on spatial memory deficit induced by amyloid beta in hippocampus of rats	Second international Congress on Pharmacy updates	Tehran	2019
Evaluation of NAT8L expression in Alzheimer's rat model after hADSCs intravenous administration	International Congress on Biomedicine	Tehran	2018
Evaluation of A $\beta$ deposits in hippocampus of AD rat model after intravenous injection of hADSCs by immuno- and thioflavin s-costaining	International Congress on Biomedicine	Tehran	2018
Alleviating of necroptotic factors in amyloid beta-injected rats after intravenous administration of human adipose derived stem cells (hADSCs)	International Congress on Biomedicine	Tehran	2018
Scientific reviewer, Executive Committee of the Congress	First & Second international Congress on Pharmacy updates	Tehran	2018, 2019
Effect of KT5823 on spatial memory in rat model of Alzheimer's disease	13 <sup>th</sup> International congress of Toxicology	Oroumieh	2015
Functional properties of Thermostable lactic acid-forming bacteria (B. coagulans)	The 1st International & the 13th Iranian Nutrition Congress Nov 30-Dec 3, 2014, Tehran, I.R. IRAN	Tehran	2014
Effect of L-NAME on spatial memory deficit induced by beta amyloid in hippocampus of rats.	12th International congress of Toxicology	Sari	2013
Scientific reviewer	The16 <sup>th</sup> Seminar of Iranian pharmacy Students	Tehran University	2011
Using magnetic magnesium-carrying nanoparticle in prevention of Alp-induced toxicity and cardiac failure.	The16 <sup>th</sup> Seminar of Iranian pharmacy Students	Tehran University	2011
"Prevention of Alp-induced toxicity and cardiac failure: Role of magnetic Magnesium nanocarrier."	11 <sup>th</sup> International congress of Toxicology	Mashhad	2011
Significant effects of sex steroid receptors on angiogenic markers in colorectal carcinoma:An immunohistochemical study on Normal,Malignant,Stromal,Lymphoid,and vascular cells.	10 <sup>th</sup> International congress of Toxicology	Shahid beheshty University	2009

Study of estrogen receptor and thymidine phosphorylase in colorectal carcinoma tissues:an immunohistochemical study.	14 <sup>th</sup> seminar of Iranian pharmacy students	Ahvaz	2008
Clinicopathological significance of TP and PgR in colorectal cancer patients	8th congress of Iranian Society of Pathology and 2nd congress of Iranian Cancer Association	Tehran	2006

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## RESEARCH INTRESTS

1. Neuroscience (Autism, Alzheimer's, Memory, Parkinson)
2. Toxicology & environmental toxicology (Effect of various toxins on animals and Cells, Study effect of different antidotes and drugs on different toxicities)
3. Pharmacology (Study mechanisms and effects of different herbal and chemical drugs on animal models)
4. Cell signaling
5. Stem cell therapy
6. Autism & drugs used for treatment
7. Behavioral investigations on animals
8. Cellular and molecular toxicology
9. Mitotherapy
10. Study Protective and toxic effects of nanoparticles
11. Study various markers and mechanisms involved in carcinogenesis and angiogenesis

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## LINKS

[Scopus](#)  
[Google Scholar](#)  
[Research ID](#)  
[Orcid](#)  
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[Semantic Scholar](#)  
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