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Negar Ghasem Ardabili

SKILLS

- Chemical compound examination.
- Finished products examination, HPLC, Thin layer chromatography,
- Developed new waveform using Fast Scan Cyclic Voltammetry and using carbon fiber microelectrodes to detect Neurotransmitters.
- Conducted behavioral experiments in rodents to investigate the neural mechanisms of decision making and memory and learning behaviors.
- Gained experience in rodent catheterization survival surgery for Intravenous self administration (IVSA) studies.

EXPERIENCE

Dana Pharmaceutical Co.

- Chemical Analyst

10/2017 - 04/2018

Iran- Tabriz, East Azerbaijan

- Performed chemical tests to assist scientist in making qualitative and quantitative analyses of solid liquid and gaseous materials.
- Maintained excellent attendance record, consistently, arriving to work on time.
- Kept the laboratory in compliance with all applicable guidelines and laws.
- Participated in continuous improvement by generating suggestions, engaging in problem-solving activities to support teamwork.
- Tracked collected specimens by initialing, dating and noting times of collection.

American University

– Adjunct Faculty

08/2021–05/2022

Chemistry Laboratory Instructor

- Created plans and communicated deadlines to ensure projects were completed on time.
- Laminated teaching materials to increase durability under repeated use.

EDUCATION

Doctoral Student : Neuroscience, Behavioral Cognition and neuroscience

2022-08- NA American University - 4400 Massachusetts Ave NW, Washington, DC

Master of Science: Analytical Chemistry

2019-08 - 2021-05 American University - 4400 Massachusetts Ave NW, Washington, DC

20016,

Bachelor of Science: Chemistry

2014-09 - 2018-12 Azad University of Tabriz - Iran-Tabriz

Publication

“Modified Sawhorse Waveform for the Voltammetric Detection of Oxytocin”

– Liu, F. A., Ardabili, N., Brown, I., Rafi, H., Cook, C., Nikopoulou, R., ... & Zestos, A. G. (2022). Modified Sawhorse Waveform for the Voltammetric Detection of Oxytocin. *Journal of The Electrochemical Society*, 169(1), 017512.