



JULETA TUMOYAN

Physician-Biochemist

SUMMARY

4+ years of experience and skills in biotechnology and data analysis to support the development and validation of novel biomarker assays. Employed chromatography, spectroscopy and spectrophotometry techniques. Prepared detailed reports including statistical data and analysis of laboratory data.

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EDUCATION

Ph.D Student

Russian-Armenian University
2022 - Present

Clinical resident

Yerevan State Medical
University after Mkhitar Heratsi
2022 - 2023

Medical Biochemistry

Russian-Armenian University
2016 - 2022

SKILLS

Nano Particle Size Analyzer

Cell / Bacterial culture

Spectrophotometry

HPLC

ELISA

LANGUAGE

Armenian

Russian

English

EXPERIENCE

○ Jul 2021 - Present

Researcher

Russian-Armenian University

- Chemical synthesis and design of nanoparticles with broad therapeutic activities
- Biogenic synthesis of non-toxic core-shell nanoparticles and their application
- Obtaining callus cultures of endemic plants of the Armenian flora in order to study and improve the efficiency of the synthesis of secondary bioactive metabolites
- Research of cytotoxic, cytostatic, antioxidant, anti-infective, anti-tumor, etc. properties of medicinal plants; identification of their active components; and biochemical mechanisms of action

○ Oct 2022 - Jul 2023

Biology teacher

Russian-Armenian University

- Planned and conducted training in the courses of general biology, anatomy, physiology, botany, zoology, microbiology, or ecology
- Developed and maintained high-quality educational materials, including classroom lectures and homework
- Monitoring student performance and adjusting teaching strategies and techniques for improved content delivery

HONOURS AND AWARDS

Best Master's student 2021