



Mahshid Eslami, MSc

Contact: +014040046180 | mahshid.eslami@meduniwien.ac.at

Experience

PhD Candidate (UN790), Medical University of Vienna

- **Division of Cardiology** 2024-Present
- Research focus: Cardiac amyloidosis, biobanking, biomarker discovery.
 - Conduct sample processing, biobank workflows, and biomarker preparation.
 - Participate in clinical research projects involving ATTR-CM and cardiomyopathies.

Project data and lab assistant, Medical University of Vienna 2022-Present

- **Division of Cardiology and Pharmacology**
- Perform biospecimen processing including centrifugation, aliquoting, and storage following biobank SOPs.
 - Coordinate shipment of samples to national and international laboratories.
 - Support clinical study data collection and documentation.
 - Assist in preparation of study reports and regulatory documentation.

Graduate Research Assistant, Medical University of Vienna 2023-2024

- **Division of Nuclear Medicine**
- Completed master's thesis: "Studying Immunometabolism Using [18F]FDG PET/CT and Ex-Vivo Total Body Biodistribution in a Macrophage Depletion and Lung Cancer Mouse Model."
 - Conducted preclinical PET/CT imaging and ex-vivo biodistribution studies.
 - Analyzed imaging data using PMOD and investigated immunometabolic pathways.
 - Participated in experimental design, data collection, and interpretation.

Microbiology lab assistant, Ghiasi Hospital, Tehran, Iran 2017-2021

- Analyzed tests results and identified microorganism, interpreted tests and quality control results.
- Prepared smears and stained the bacterial cells by using gram staining procedure and analyzed, interpreted the results from microscopy.
- Prepared slides of the collected blood and other body fluid samples. Collects, labels, processes and preserves blood, urine and other specimens according to established laboratory procedures.

Microbiology lab assistant, Ziaieian Hospital, Tehran, Iran

2015-2016

- Conduct lab tests in the areas of microbiology, immunology, serology.
- Processed urine and other cultures for susceptibility of pathogen.
- Processed urine analysis and cultures Performed antibiotic susceptibility test of pathogen.

Intern, Asia Hospital, Tehran, Iran

2014-2015

- Completed rotations in hematology, microbiology, biochemistry, and immunology.
- Gained experience performing routine diagnostic laboratory tests.

Project Experience

Ongoing Projects:

- ODYSSEY-HCM_CV027-031 (Bristol Myers Squibb) (A Randomized, Double-blind, Placebo-controlled Clinical Study to Evaluate Mavacamten in Adults with Symptomatic Non-obstructive Hypertrophic Cardiomyopathy)
- ALXN2220-ATTRCM-301 (A Phase 3, Randomized, Double-blind, Placebo-controlled, Multicenter Study to Evaluate the Efficacy and Safety of Amyloid Depleter ALXN2220 in Adult Participants with Transthyretin Amyloid Cardiomyopathy (ATTR-CM))
- AstraZeneca-BaxHTN (A randomized, double-blind, placebo-controlled clinical parallel-group trial to evaluate the efficacy and safety of Baxdrostat in participants with uncontrolled hypertension on two or more medications, including participants with resistant hypertension)
- Contempo (A Phase I/II, Randomised, Single-blind, Placebo-controlled, Multiple-ascending-dose Study to Evaluate the Safety, Tolerability, Pharmacokinetics, and Pharmacodynamics of AZD9550 in Overweight and Obese Participants with Type 2 Diabetes Mellitus)
- Balance-D HF (A Phase III, Randomized, Double-blind Study to Evaluate the Effect of Balcinrenone/Dapagliflozin, Compared to Dapagliflozin, on the Risk of Heart Failure Events and Cardiovascular Death in Patients with Heart Failure and Impaired Kidney Function)

Education

Medical University of Vienna

2024-2026(Expected)

Research Focus: Cardiac amyloidosis, biomarkers and biobanking.

Fachhochschule Wiener Neustadt

2021-2024

Master of MedTech (Functional Imaging, Conventional & Ion Radiotherapy)

Azad Karaj University, KIAU

2010-2013

Bachelor of Microbiology

Course Highlights:

Medical Lab Practices, Biochemistry, Biomedical Science, Principles of Hematology, Pathogenic

Microbiology, Blood Banking, Clinical Chemistry Clinical Microbiology.

Skills & abilities

- Biobanking & sample processing
- Biomarker preparation and handling
- Clinical study coordination
- PET/CT imaging analysis (PMOD)
- Laboratory techniques (centrifugation, QC, microbiology)
- Data management (REDCap, Excel)
- Communication, problem solving, adaptability, Highly motivated