



PostDoc/PhD Student positions in the Framework of the Helmholtz International Lab “aeroHEALTH“

JOB DESCRIPTION

Environmental research lab in Weizmann Institute of Science Israel (www.weizmann.ac.il) is seeking a highly motivated PhD researcher (PostDoc) or PhD student to study the health impacts of air pollution. The successful candidate will join the international aeroHEALTH project (<https://www.aerohealth.eu/en/index.html>) in the group of Prof. Yinon Rudich (<https://www.weizmann.ac.il/EPS/Rudich/>) to investigate the role of environmental toxicant and their health impacts. The international Helmholtz lab offers a dynamic and international collaboration between the Weizmann Institute, Helmholtz centers in Julich and Munich and the University of Rostock. The work involves active collaboration between the participating groups and taking active roles in joint field campaigns, data analyses, paper writing and weekly joint seminars and other activities.

This multidisciplinary project involves studying cell toxicity, such as cell apoptosis, mitochondrial function, and big data analysis such as from RNA sequencing. The project will use cultured cells, and mouse models. The job requires recent lab experience, and basic molecular biology and biochemistry skills. The job involves designing and conducting research projects, presenting at national/international conferences, and writing manuscripts.

QUALIFICATIONS

1. MSc or PhD or equivalent degree.
2. Strong/recent basic research lab experience in cell culture and cellular biology, biochemistry, and animal physiology.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES/COMPETENCIES TYPICALLY NEEDED TO PERFORM THIS JOB SUCCESSFULLY

- ♣ Solid analytical skills and attention to details.
- ♣ Excellent verbal and written communication skills.
- ♣ Proficiency with common laboratory equipment and techniques required.
- ♣ Ability to multi-task and prioritize work assignments.
- ♣ Motivation to develop an independent research project, in addition to the assigned projects.

To apply, please send your CV to PI via e-mail: yinon.rudich@weizmann.ac.il

