

Postdoctoral research position in molecular biology

Location: HUN-REN Research Centre for Natural Sciences (RCNS), Institute of Molecular Life Sciences, Budapest, Hungary

Start date: 2024 (flexible)

Duration: up to 5 years, full time position

Salary: competitive, based on current remuneration structures

Contact: Dr. Gergely Rona, e-mail: rona.gergely@ttk.hu

Lab website: <https://www.ronalab.org/>

Who we are: At the DNA Repair Laboratory, housed within the HUN-REN Research Centre for Natural Sciences, our primary objective is to enhance our understanding of DNA repair defects and leverage this knowledge to pinpoint new vulnerabilities in neurodegeneration. Given the susceptibility of the nervous system to various stresses, including DNA damage, we aim to explore the associations between DNA repair defects and neurological abnormalities, with a particular focus on conditions such as Huntington's disease (HD) and Amyotrophic Lateral Sclerosis (ALS). Through cutting-edge genomics, proteomics, biochemistry, molecular and cell biology, we strive to decipher the differences in DNA repair processes between neurons derived from healthy individuals and those affected by neurodegenerative diseases.

What we offer: The successful candidate will be part of a collaborative and supportive team, working directly under the guidance of Dr. Gergely Rona in our newly established laboratory. This postdoctoral position provides a unique opportunity to gain hands-on experience in molecular and cell biology techniques, advanced imaging, next-generation sequencing, and proteomics. Access to state-of-the-art facilities at the HUN-REN RCNS, along with opportunities for professional development, networking, and a competitive salary, makes this an ideal environment for postdoctoral research.

Research environment: Our laboratory is situated in the vibrant heart of Budapest, within the Institute of Molecular Life Sciences. As an integral part of the institute, we engage in interdisciplinary research spanning biology, chemistry, physics, and bioinformatics.

What we are looking for: We invite applications from candidates holding a PhD degree in Life Sciences (or soon graduating), with expertise in molecular biology. Preference will be given to candidates with experience either in neurobiology, cell biology, biochemistry, bioinformatic analysis, genomic or proteomic approaches. We are fully committed to cultivating an inclusive laboratory environment that welcomes applicants of any gender, ethnic origin, sexual orientation, or religion.

To apply, please send your CV and a cover letter detailing your research experience and interests to Dr. Gergely Rona at rona.gergely@ttk.hu.

