

Technical Assistant to join the Loizou Lab

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The Loizou laboratory at CeMM, the Research Center for Molecular Medicine of the Austrian Academy of Sciences in Vienna, is recruiting a highly motivated Technical Assistant to join an international team of scientists working on investigating cellular pathways that maintain genome stability.

Your tasks in this position:

- Molecular biology, such as cloning or preparation of next-generation sequencing libraries
- CRISPR-Cas engineering of human cell lines (knockout and knockin)
- Lentiviral engineering of stable cell lines
- Isolating and characterizing successfully engineered clonal lines
- Assisting with genome-wide CRISPR-Cas screens
- Organization of engineered cell line distribution between three research sites

Your profile:

- Degree in life sciences (B.Sc., M.Sc., Mag., DI)
- Qualified laboratory experience in molecular and cellular biology
- Experience with human cell culture
- Experience with basic molecular biology (e.g. cloning and PCR)
- Excellent written and oral communication skills in English
- High accuracy and reliability
- Excellent communication skills and organizational skills
- Team player

The Laboratory

The Lab of Joanna Loizou investigates cellular pathways that are required to maintain genome stability to suppress disease. The team is now seeking a highly motivated Technical Assistant who will use CRISPR-Cas9 approaches for genome engineering, in human cellular systems. The person will use gene-editing to create specific mutations relevant to disease and also perform large scale CRISPR screens. The Research Assistant

will work as part of a diverse and international team that comprises other technicians, graduate students and postdoctoral researchers. This project is part of an exciting ERC funded initiative and will involve collaborations with two other international teams. Our ultimate goal is to understand how cells maintain genome stability to identify better treatments for human diseases such as cancer and other diseases associated with DNA repair defects.

The Institute:

We are a group of 150 scientists from 45 nations situated in a beautiful, bright and perfectly designed building (inaugurated in 2011). We have state-of-the-art technologies and are neighbours with one of the largest research hospitals in Europe. Vienna is a fascinating capital city, with world-leading quality of life, and legendary music and culture. CeMM has been voted best place to work in academia in a 2012 survey of The Scientist, is an equal opportunity employer, and the official working language at CeMM is English.

The mission of CeMM, the Research Center for Molecular Medicine of the Austrian Academy of Sciences is to achieve maximum scientific innovation in molecular medicine to improve healthcare. At CeMM, an international and creative team of scientists and medical doctors pursues free-minded basic life science research in a large and vibrant hospital environment of outstanding medical tradition and practice. CeMM's research is based on post-genomic technologies and focuses on societally important diseases, such as immune disorders and infections, cancer and metabolic disorders. We operate in a unique mode of super-cooperation, connecting biology with medicine, experiments with computation, discovery with translation, and science with society and the arts, and train a modern blend of biomedical scientists to make great contributions. The goal of CeMM is to pioneer the science that nurtures the precise, personalized, predictive and preventive medicine of the future. CeMM aims to promote equality of opportunity for all with the right mix of talent, competences and potential. We welcome applications from candidates with diverse backgrounds.

The Offer:

We offer a challenging position in a meaningful, inspiring, international setting, with an excellent work climate and the possibility to join our social (cultural or sports) activities. Benefits include full health insurance, company health care, and a daily bonus for the in-house cafeteria. This position offers a competitive salary and is remunerated with a minimum yearly (gross) salary of € 31000,- on a full time base. The definite salary agreement will be made during the personal interview.

Starting date: March 2020

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Your application:

Interested candidates are encouraged to upload their application documents (including a cover letter, a CV, and contact details of two references) online using this link <https://cemm.jobbase.io/job/z861a4ib>

Closing date: 31 Dec. 2019

Additional information

City	Vienna
Position type	Full-time employee
Start of work	01.03.2020

Responsible

Alexa Gavalaki

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