



Technical Assisant / Lab Administrator (f/m/x)

Center for Molecular Medicine Cologne (CMMC)

 >> as of April 1, 2024

 >> full-time; initially limited until March 31, 2026 (third-party funded project)

 >> Your salary will be based on TV-L

>> Your tasks

Technical support to different laboratory projects
 Management of cell lines, media, chemicals and plasmids
 Management of mouse colonies
 Ordering and stockpiling of reagents and consumables

>> Your Profile

Completed training as BTA, MTA, biology laboratory technician
 Expertise and experience in biochemistry and molecular biology (e.g. Westen blotting, immuno-precipitation, cloning, CRISPR-mediated gene editing, transfection, lentiviral infection, mass spectrometry sample preparation, recombinant protein production)
 Experience with mouse handling and managment
 Experience with cell culture
 Ability to work in team, reliability, flexibility
 Very good knowledge of written and spoken English

>> Our Offer

The CMMC offers an excellent technical infrastructure with the opportunity to have access to the most technologically advanced instruments and facilities (campus-wide).
 CMMC also promotes diversity and offers a family-friendly and modern work environment.
 Cologne University Hospital offers a collegial orientation and a variety of training and development opportunities. There is also a wide range of family support. In addition, the usual social benefits are offered (e.g. corporate benefits).

>> Your future with us

Working at the University Hospital Cologne and the Medical Faculty means helping to shape the future – the future of medicine, of patients and, of course, your own future. You benefit from 60 clinics and institutes as well as numerous other departments and facilities and more than 12,000 jobs. The Faculty of Medicine of the University of Cologne and the University Hospital Cologne assume important social tasks in research, teaching and patient care. A close network with many university and non-university partners guarantees an internationally successful science and the excellent education of our students.

>> Your future in detail

The Center for Molecular Medicine Cologne (ZMMK) is a biomedical research center of the University of Cologne. As a cross-faculty institution, it combines the clinically oriented research activities of the Faculty of Medicine with the molecular biology-oriented research work of the Faculty of

Mathematics and Natural Sciences. The objective is to elucidate the genetic causes of diseases at the cellular level in order to advance the development of more effective therapeutic approaches, diagnostics and preventive measures. The CMMC is looking for a full-time Technical Assisant / Lab Administrator (f/m/x) for the junior research group " Cell Death, Immunity and Inflammation" of Dr. Alessandro Annibaldi, initially limited to 24 months with the possibility of extension.

The research group of Annibaldi is focused on the role of cell death in normal physiology and disease. Cell death is a fundamental biological process required for the maintenance of tissue homeostasis and elimination of unwanted cells. However, when deregulated, cell death can cause inflammation and the development of chronic inflammatory diseases. At the same time, the induction of cell death is the principle by which many anti-tumour therapies work, although different cell death forms have different anti-tumour potentials. In recent years, it became clear that some forms of cell death have the potential to alert and activate the immune system against tumour cells, leading to more durable anti-tumour responses.

In our laboratory, we investigate the mechanisms controlling different forms of cell death (e.g. apoptosis and necroptosis) and how the deregulation of cell death triggers infammation. In parallel we are interested in understanding how cell death can best be induced in cancer cells to generate anti-tumour immune responses.

To address our biological questions we make use of primary and immortalised mouse cell lines, mouse and human cancer cell lines, biochemical techniques, mass spectrometry, CRISPR-mediated gene manipulation and *in vivo* work using the mouse as model system.

We are looking for a motivated / enthusiastic technical assistant to organize and coordinate our daily laboratory routine, carry out various supporting aspects of our projects, be in charge of general ordering and replenishing of lab reagents and stocks.

The Annibaldi team is a vibrant, friendly, multicultural and international research group. Scientists, at any level of their career, are attentively supervised, both technically and intellectually, and given the opportunity to develop their own ideas. They also have the chance to attend national and international conferences and workshops and, whenever needed, they can go to internationally renowned laboratory for specific trainings. They will also benefit from a broad collaboration network, not limited to the University Hospital Cologne, but also extended to other research centers in Germany and across Europe.

Applications from female candidates are expressly welcome and will be given priority in the event of equal suitability, competence and professional performance.

People with disabilities are welcome to apply and will be treated preferentially in the event of equal suitability and qualification.

The position is suitable for staffing with part-time employees.

Contact:

Dr. Alessandro Annibaldi

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<https://www.uk-koeln.de>

Application deadline: 26.11.2023

Postal address:

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