# NGS Technician Biomedical Sequencing Facility (m/f/d)

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The Biomedical Sequencing Facility at the CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences in Vienna is looking for a highly motivated NGS technician to join our team of experienced biomedical scientists. The successful candidate will be trained to perform a wide range of next-generation sequencing experiments for biomedical research and clinical collaborations (e.g., genome, transcriptome, epigenome and single-cell sequencing), supporting our customers and contributing to the advancement of precision medicine.

## Your Profile

- Training in molecular biology, biochemistry, biotechnology, or a related field (Bachelor, Master, or PhD)
- Solid wet-lab experience and skills working with DNA and/or RNA
- Prior experience with next-generation sequencing technologies
- High accuracy and reliability in execution of experiments and operating lab equipment
- Friendly, collaborative mindset, and to work effectively in an international environment
- Team player with strong communication skills and a proactive mindset
- Written and oral communication skills in English (German language skills are not required)

## Your Tasks

- Handling sample submissions and quality control of submitted material for next-generation sequencing (RNA, DNA, NGS libraries)
- Execution of next-generation sequencing library preparation protocols (manually and/or with liquid handling robotics)
- Next-generation sequencing on Illumina and nanopore sequencing machines
- Troubleshooting of technical problems in the sample preparation and sequencing workflows
- Customer support and productive interaction with researchers with diverse backgrounds
- Contribution to the Austrian SARS-CoV-2 genome sequencing initiative at CeMM (https://www.sarscov2-austria.org)
- Optimization and testing of new sequencing protocols for applications in cancer and other diseases

## The Biomedical Sequencing Facility (https://www.biomedical-sequencing.org/)

The successful candidate will be part of the Biomedical Sequencing Facility (BSF) based at CeMM. The BSF is Austria's first and leading center of expertise for next-generation sequencing in biomedicine. Led by Christoph Bock (https://bocklab.org) and with a dedicated team of staff scientists, the BSF contributes to biomedical research and whole genome medicine in Vienna, Austria, and internationally. The BSF is equipped with the latest technology for high-throughput genomics (Illumina NovaSeq, Oxford Nanopore, 10X Genomics, etc.) and

powerful scientific computing infrastructure. The BSF's mandate includes a strong focus on technology development, contribution to study design and bioinformatic data analysis, as well as training and teaching best practices in sequencing technology and genomic medicine. Furthermore, it supports biomedical scientists and clinicians in the development of custom NGS protocols and in the bioinformatic analysis of the resulting datasets.

## The Institute (http://www.cemm.at)

CeMM is one of Europe's leading biomedical research institutes. CeMM researchers routinely publish important discoveries in top journals. Over the last seven years, this included >10 papers in Nature/Cell/Science/NEJM and >30 papers in Nature/Cell sister journals – with a team of 120-150 scientists. Research at CeMM is exceptionally collaborative and has strong focus on medical impact, based on a profound molecular understanding of diseases such as cancer and immune disorders. CeMM is part of the Austrian Academy of Sciences and a founding member of EU-LIFE. It is located at the center of one of the largest medical campuses in Europe, within walking distance of Vienna's historical city center. A study by "The Scientist" put CeMM among the top-5 best places to work in academia worldwide (https://www.the-scientist.com/features/best-places-to-work-academia-2012-40676). Vienna is frequently ranked the world's best city to live. It is a United Nations city with a large English-speaking community. The official language at CeMM is English, and >49 different nationalities are represented at the institute. CeMM promotes equal opportunity and harbors a mix of different talents, backgrounds, competences, and interests.

## We offer

- Work within an experienced, interdisciplinary, and international team at one of Austria's leading research institutes
- Ample opportunities to contribute and gain experience in a key area of biomedical research and precision medicine
- An inspiring workplace with an international setting, strong team spirit, and an excellent work climate
- A wide range of social, cultural, and sports activities organized by the institute
- Excellent employee benefits including full insurance coverage (health, accident, retirement), health care services, subsidized cafeteria
- Starting annual gross salary of at least EUR 35,000 (the salary will reflect the successful candidate's qualifications and can be higher)
- Flexible start date. Open-ended full-time contract available after an initial contract period. Support for relocating to Vienna is provided

*Please apply online (https://cemm.jobbase.io/job/rtaxu3eq) with cover letter, CV, academic transcripts, and contact details of 3 referees. Applications will be reviewed on a rolling basis. Any application received by April 30th will be considered.*

### Additional information

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| City | **Vienna** |
| Position type | **Full-time employee** |

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| Start of work | **31.05.2022** |

## Responsible

Memo Mokhles

Apply now