Senior Bioinformatician/Geneticist (m/f/d)

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The Bergthaler lab at CeMM is currently recruiting an experienced Senior Bioinformatician/Geneticist for our research on SARS-CoV-2 genomes circulating in Austria. In your role as Senior Bioinformatician you will support our efforts to obtain high quality SARS-CoV-2 genome sequences and you will help to analyze the mutational landscapes of the pandemic virus. Together with our team you will process and analyze sequencing data and investigate mutations of SARS-CoV-2 genomes to explore virus spread and variants circulating in Austria. A recent study by Popa, Genger et al. in Science Translational Medicine employed genomic epidemiology to reconstruct superspreading events in Austria and elucidate fundamental properties of viral mutations and human-to-human transmission of the pandemic virus.

The ERC-funded Bergthaler lab (http://bergthaler1.at) has long-standing interests in viral infections and immunology (e.g. Baazim H et al. Nat Immunol 2019, Lercher A et al. Immunity 2019, Lercher A et al. Immunity 2020). Our interdisciplinary research platform is supported by the Biosequencing Facility at CeMM (https://www.biomedical-sequencing.org/) headed by Dr. Christoph Bock as well as several other partners from academia, hospitals and the public health sector (https://www.sarscov2-austria.org/). Our SARS-CoV-2 sequencing work directly helps federal authorities to validate epidemiological clusters for the pandemic SARS-CoV-2 virus, inform about viral mutations circulating in the Austrian population and contribute to COVID-19-related scientific projects and publications.

Your Profile

- PhD degree in computer science, bioinformatics, genetics, virology or any related field of biology with a strong computational background
- Professional experience in computational science and data analysis

- Strong background and interest in fundamental questions of biology
- Proficiency in at least one programming language, preferably Python and R
- Experience with Unix and working on the command line
- Prior experience working with genetic or medical data, especially next generation sequencing data
- Expertise in phylogenetics and/or viral evolution will be of advantage
- A high degree of accuracy and reliability
- Friendly, collaborative mindset, ability to multi-task and to work effectively in an international environment
- Team player with strong communication skills and a proactive mindset
- Excellent command of English

We offer

- Position in a great interdisciplinary and international team working on a timely topic with a public-health dimension
- Competitive salary: This position is remunerated with a minimum yearly (gross) salary of EUR 54,453 on a full time base. The definite salary will be based on qualification and experience.
- Being part of a thriving academic and social community in Vienna, one of the cities with the best quality-of-life in the world
- The CeMM employment contract includes full insurance (health, accident, pension) and a one-off payment for moving
- CeMM's HR department and administrative team offers support with relocation, visa applications, onboarding, family support etc.

The Institute

CeMM is a flagship institute for biomedical research in the heart of Europe, Vienna. CeMM is committed to highest scientific standards. The environment is very collaborative, dynamic and international. One of CeMM`s advantages is to be in close proximity to the Vienna Medical University Campus and the General Hospital (AKH). This allows the fruitful interaction of basic scientists with clinicians, and the use of models and cutting-edge technology to disease-relevant biological questions. According to a study by The Scientist, CeMM is ranked as the best European place to work in Academia 2012, internationally CeMM appears at the fourth place. The official language at CeMM is English, and more than 48 different nationalities are represented at the institute.

Application details

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. Please click on *apply now* and upload your application documents (cover letter, CV and names and contact details of 2 referees).

Applications will be screened/candidates will be interviewed on a rolling basis until the position is filled.

Additional information

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

Responsible

Memo Mokhles

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