Bioinformatician in computational proteomics

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The Winter laboratory at CeMM, the Research Center for Molecular Medicine of the Austrian Academy of Sciences in Vienna, is recruiting a bioinformatician to develop novel strategies to target undruggable proteins for the treatment of cancer.

The Project:

In this Project, we aim to determine the proteome-wide binding of hundreds of small-molecule fragments in an unbiased manner. Consequently, this strategy will enable us to approximate the "ligandable proteome" to guide the innovation of next-generation drugs that can re-program the cellular degradation machinery to eliminate disease-causing proteins. The successful applicant will work on this project as part of a multi-disciplinary research team consisting of biochemists, molecular biologists and synthetic chemists. This exciting collaboration is at the vibrant interface between academia and industry, allowing the candidate to achieve a measurable translational impact.

The Candidate: The successful candidate holds a PhD degree in (bio-) informatics or in life sciences. We are looking for a solution-oriented, persistent researcher with an independent, well-structured and goal-oriented working style. You should have a proven scientific track record (including at least one first author publication) in the fields of computational biology, ideally in (computational) proteomics. An analytical understanding, as well as a mechanistic understanding of workflows in affinity-chromatography are considered a plus. We expect the successful candidate to be proficient in statistics and standard proteomics software tools such as Proteome Discoverer or MaxQuant. Moreover, the successful candidate should be fluent in Python, R or a similar programming language.

The working language at CeMM is English, and excellent written and oral communication skills as well as high accuracy, reliability and excellent interpersonal and organizational skills are a requirement.

The Institute: CeMM is a biomedical flagship institute in the heart of Europe, Vienna. We are committed to highest scientific standards and provide an international environment representing approximately 45 nationalities. The working language is English. CeMM has been ranked by The Scientist as one of the Best Places to Work Academia worldwide (link: http://goo.gl/51VMO). In the past 3 years CeMM groups published numerous ground-breaking studies in prestigious journals such as Science, Cell, Nature, New England Journal of Medicine, Nature Immunology, Immunity etc. CeMM is located within the medical campus of Vienna and

operates several technology platforms (chemical biological screening, proteomics, metabolomics, next-generation sequencing) as well as extensive bioinformatics infrastructure.

Your Application: Interested candidates are encouraged to upload their application documents (including a cover letter, a CV and names and contact details of at least 2 referees)
online: https://cemm.jobbase.io/job/kuf1qaen

Application deadline: 30 September 2020.

Envisioned starting date: 1 November 2020

Applications will be reviewed on a rolling basis until the position is filled.

Additional information

City	**Vienna**
Position type	**Full-time employee**
Start of work	**01.11.2020**

Responsible

Binia Meixner

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