

SCIENTIFIC PROGRAMMER / BIOIMAGE ANALYST

The Gerlich laboratory at the Institute of Molecular Biotechnology (IMBA) searches for a Scientific Programmer / BioImage Analyst.

The Gerlich laboratory investigates fundamental cellular processes using cutting-edge microscopy, high-throughput DNA sequencing, biochemical, and biophysical approaches. We have developed the open source software CellCognition for automated analysis of high-content screening data by computer vision and machine learning techniques.

We are searching for a new team member, who is interested to implement and apply computational methods for the analysis of high-throughput microscopy data. Applicants should hold a degree (BSc, MSc, or PhD) and should be proficient in image analysis, machine learning, and programming (preferentially Python and C++). Candidates are expected to be fluent in English

and have good communication- and interpersonal skills such that they become an integral part of our team.

In this position you will

- implement cutting-edge image analysis and machine learning tools
- integrate methods into the open source software platform CellCognition
- train and help biologists to analyze their high-throughput microscopy data

We offer a young and dynamic working environment and access to world-class research infrastructure. IMBA is an internationally recognized research institute in the life sciences, located at

the Vienna BioCenter, which is home for more than 1000 scientists of 69 nationalities. IMBA offers outstanding support, competitive salaries, and excellent social benefits in Vienna, which has been consistently ranked top in the Mercer quality of living surveys.

Applications with a motivation letter, CV, and contact information of referees should be sent to daniel.gerlich@imba.oeaw.ac.at by March 5th, 2018.

Further information

<https://www.imba.oeaw.ac.at/research/daniel-gerlich/team/>
<https://www.cellcognition-project.org>