

Postdoctoral Position in Computational Systems Biomedicine Saez-Rodriguez group - Heidelberg University

One Postdoctoral position is open in the group of Julio Saez-Rodriguez in Heidelberg University. The position is in the context of a recently granted European project that aims at the refactoring of system biology simulation tools for High Performance Computing (HPC) and exascale architectures.

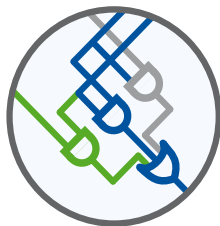
Our research spans the areas of systems pharmacology and functional genomics, with a focus on signaling and regulatory networks, and applications to cancer, autoimmune disease, and fibrosis. For more information visit www.saezlab.org

Candidates interested in using mathematical modeling to analyze big data to advance personalized medicine are encouraged to apply. In this project you will contribute to the development of simulation tools, optimization and machine learning to translate omics data to medical relevant questions. You will work in collaboration with international experts in different areas to build multi-scale models with an unprecedented scope.

You are expected to hold a degree in statistics, mathematics, physics, engineering or computer science, or a degree in biological science with substantial experience in computational and statistical work.

Candidates should email their CV (including names of three references) and a letter of interest to [jobs.saez \(at\) bioquant.uni-heidelberg.de](mailto:jobs.saez@bioquant.uni-heidelberg.de). The letter of interest has to be tailored to our group, mentioning projects or articles of our group that you find interesting, and explaining how you would fit here and in the topic mentioned above. Please also provide a pointer to a code repository if possible.

There is no strict deadline, but priority will be given to applications by July 30th. Starting date is aimed for October 2020, or soon thereafter.



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