



Max-Planck Institute for Informatics



Postdoctoral Scientist Computational Epigenetics / Epigenomics

Description	Requirements	Timeframe	Contact
Postdoctoral position in computational epigenetics / epigenomics	Strong background in computational genomics; programming experience	As soon as possible.	Send e-mail to: bioinf@mpi-inf.mpg.de

The Max-Planck-Society (MPG) is the premier basic research branch in Germany. The Max-Planck Institute for Informatics is devoted to Computer Science and Information Technology. In 2001 the institute established a Computational Biology research division under the direction of Prof. Dr. Dr. Thomas Lengauer.

Current research activities directed by Prof. Lengauer include the areas of medical bioinformatics, with a focus on HIV, HCV, and cancer, prediction and analysis of protein structure, function and interactions, molecular docking, computational genomics, transcriptomics and epigenetics. Research comprises a mix of method innovation and biological, pharmaceutical and medical applications. We cooperate intensively with partners from biology labs, pharmaceutical Industry and clinics. In some of our applications we are very close to the bedside.

The Computational Biology research division at the Max Planck Institute for Informatics is a partner in a larger Computational Biology Center in Saarbrücken (<http://www.zbi.uni-saarland.de>), together with groups from the University of the Saarland, where several curricula in Computational Biology are being offered. Furthermore, the Research Division cooperates with other Max Planck Institutes, notably in the areas of Biology and Medicine as well as with Universities, Genome Centers, and pharmaceutical and biotech industry.

The Computational Biology group offers an interdisciplinary research environment with exciting challenges on novel biological data and leading-edge expertise in one of today's most dynamic scientific disciplines. We are looking for people that are highly qualified and motivated to join our interdisciplinary team.

We are offering the position of a postdoctoral researcher in computational epigenetics / epigenomics, with a focus on improving cancer diagnosis and therapy. A strong background in genomics, gene expression analysis or systems biology is required. We are especially interested in modeling the role of epigenetic deregulation in diseases such as cancer. We are involved in interdisciplinary projects toward this end (<http://www.cancerdip.eu/>). Expertise in machine learning, statistics and software engineering is a plus. The candidate should have strong interest in collaboration with biomedical researchers. The position requires an internationally competitive research record in computational biology.

Applications should include the usual information such as curriculum vitae, motivation letter, copies of certificates, a list of publications and email of two or three references. Please refer to "postdoc in computational epigenetics" in your application. The Max-Planck Society is an equal opportunity employer. Qualifications being equal, precedence will be given to candidates with disabilities.

Contact for questions:

lengauer@mpi-inf.mpg.de

Send applications to:

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WWW: <http://www.computational-epigenetics.de/>, <http://www.mpi-inf.mpg.de>