

Researcher in bioinformatics/ computational systems biology (Ghent University)

A research position is available for a doctoral scholarship (PhD student) and/or a postdoctoral researcher in the Department of Information Technology (Bioinformatics Institute Ghent (BIG N2N), Ghent University) to contribute to the development of network-based data-integration tools.

Requirements

A successful candidate will be a team player with excellent communication skills who combines either a strong bioinformatics/bioengineering background with a genuine interest in algorithmic research, data mining and machine learning or a strong computer science/engineering background with a genuine interest in bioinformatics and biology. Good programming skills are a prerequisite.

Project background

The bioinformatics research group in which the position is available (Marchal group) focuses on the development of computational methods for emerging omics technologies and for the meta-analysis of publicly available data. Biologically 'relevant' tools are designed by combining advanced statistics and data mining with the proper biological assumptions. The current job opening focuses on the development and use of network-based approaches to study the molecular mechanisms underlying the emergence of complex phenotypes in evolving 'clonal' systems (origin of community behavior in bacterial populations, resistance to antibiotics, drug sensitivity of cancer cell lines).

More information

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<http://bioinformatics.psb.ugent.be/DBN/>

To apply, forward a copy of your C.V. including detailed transcripts of all university study results, full publication list, overview of professional career and contact information for two references, to the following email address
Kathleen.Marchal@intec.ugent.be

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Application deadline: 31 Dec
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