Title: PhD position in Bioinformatics

Place: University of Potsdam, Germany (with secondments at BioAtlantis Ltd. (Ireland) and Enza Zaden R&D B.V. (The Netherlands).

Description
The European Industrial Doctorate (EID) program within the Marie Skłodowska-Curie Actions trains Early-Stage Researchers (ESR) through collaborative research between academic institutions and companies. The EID project CropStrengthen offers five high quality individual PhD projects jointly organized between the University of Potsdam (Germany), Enza Zaden (The Netherlands), and BioAtlantis (Ireland).

CropStrengthen aims to develop and validate technologies and products for use in counteracting abiotic and oxidative stresses in *Arabidopsis thaliana* and crops (tomato, pepper, cucumber, and others) using innovative genetics, genomics, computational, and molecular biology approaches. Focus will be given on the genetic and molecular mechanisms that contribute to acclimation to abiotic stresses (e.g. molecular priming).

Hereby, we announce a PhD position in Bioinformatics/computational biology within the CropStrengthen project.

The young researcher will be employed and enrolled as a PhD student by the University of Potsdam and will be seconded for 50% of the time at our industrial partners.

Besides the thorough technical and scientific training, the young researcher will receive high quality training in project management, entrepreneurship, oral and written communication skills and intellectual property protection.

The PhD student will be appointed by the University of Potsdam under a three-year employment contract. The Monthly Living Allowance, Mobility Allowance and Family Allowance as standard Marie Skłodowska-Curie fellowship for Early Stage Researchers will be paid to the researcher in monthly instalments. Local tax and social security regulations will apply.

Gender equality will be promoted in the recruitment.

Requirements/Eligibility
The applicants should have MSc or equal degree (enabling them to start the PhD) in Bioinformatics, computational biology, computer science or related fields preferably with a strong background in NGS data analysis, network analysis and modeling.

The applicants must not have a PhD degree and their research experience should be less than 4 years by the time of their recruitment.

The candidates can be of any nationality (European or non European), but should obey the Marie Skłodowska-Curie mobility rules: they should not have resided (work or study) for more than one year in the past three years in the country where they will be employed (Germany).

**How to apply**

Applications including a *curriculum vitae*, a motivation letter, and the names and addresses of at least two referees should be sent until June 30th 2015 using the webpage:

http://www.ikrut.com/microsite/pages/University%20of%20Potsdam/default.html

For more information, please do not hesitate to contact us or check CropStrengthen’s website:

http://www.uni-potsdam.de/cropstrengthen/

Dr. Katrin Czempinski
Email: cropstrengthen@uni-potsdam.de

Universität Potsdam
Institut für Biochemie und Biologie
Karl-Liebknecht-Str. 24-25, Haus 20
D-14476 Potsdam-Golm
Tel: +49331 977 2807
Fax: +49 331 977 2512