

## **Postdoctoral researcher, Department Bioinformatics and Mathematical Modelling**

**Occupation:** Full-time

**Period:** Fixed-term contract, initially 1 year with possibility of extensions up to 5 years

**Place:** Plovdiv, Bulgaria

**Apply no later than:** 30 June, 2017

CPSBB is a newly established research center in Plovdiv, Bulgaria, with financial help of the H2020 project PlantaSYST (Teaming), the Bulgarian Government, and Plovdiv Municipality. CPSBB's mission is to position itself at the forefront of plant sciences in Bulgaria. This will be achieved by building on the research and technological excellence of two German partners: Potsdam University and Max Planck Institute of Molecular Plant Physiology, Potsdam-Golm.

Bioinformatics represent key activities in genomics and systems biology-oriented research and are key to all experimental departments in the CPSBB. The postdoctoral researchers at this department will conduct their own research (e.g. comparative genomics of extremophiles, genomics of resurrection species, computational analysis of abiotic stress-derived transcriptome and metabolome datasets) and will provide support to the experimental departments at CPSBB in all major aspects related to the analysis of "omics" data sets (including analysis of next generation sequencing data from cutting-edge technologies (e.g. RNA-seq, ChIP-seq or whole-genome sequencing), primary and secondary metabolite profile data, and others).

CPSBB is equal opportunity employer.

### **Job Requirements:**

- PhD in Bioinformatics, (computational) Systems Biology, or related fields
- Proven experience (peer-reviewed publications) in the field of Bioinformatics or (computational) Systems Biology
- Background and experience in NGS data analysis (e.g. RNA-seq analysis, genome sequencing) are highly advantageous
- Experience in plant science and mathematical modelling is not mandatory but is preferable
- Excellent English is mandatory

### **Main responsibilities:**

- Conduct cutting-edge plant science research
- Supervising PhD students, participation in teaching (courses on bioinformatics and genomics)
- Writing grant proposals, assisting with grant management and other administrative work

### **We offer:**

- Fast changing and growing scientific environment. Opportunity to build and develop. Career development in an international research institute
- A competitive remuneration package
- Funding is available immediately

### **Deadline for application:**

You can apply for this job **no later than 30.06.2017** by e-mail ([secretary@cpsbb.eu](mailto:secretary@cpsbb.eu)).

- CV and recommendation(s) by former employers
- Letter of application, mentioning the position you apply for and the motivation to apply