Job Opportunities

- Assistant Professors / Research Group Leaders (Forschungsgruppenleiter)
- Postdoctoral scientists (Postdoktoranden)
- Graduate students (Doktoranden)
- Undergraduate students (Bachelor, Master, Staatsexamensarbeit)
- Technical staff (Technische Angestellte)
- Student lab assistants (Wissenschaftliche Hilfskräfte)
- Administration staff (Verwaltungskräfte)
- Gardeners and Technical Support staff (Gärtnerei- und Werkstattpersonal)
- Student lab assistants (Wissenschaftliche Hilfskräfte)

-> Stellenangebote der Universität Tübingen

Assistant Professors / Research Group Leaders (Forschungsgruppenleiter)

-> Sorry, no open positions available

Nacht oben

Postdoctoral scientists (Postdoktoranden)

11.6.18

Postdoctoral Position in Plant-microbe interaction

Project title: Proteolytic degradation pathways and their role in plant immunity

Research: Our newly established group at the ZMBP Tübingen is interested in the role of proteolytic degradation pathways such as the proteasome and autophagy during plant immunity. Recently, we have identified that Pseudomonas syringae pv. tomato DC3000 (Pst) activates autophagy for proteasome degradation and enhanced pathogenicity (Üstün et al., 2018). We propose that in addition to the proteasome other pathways (e.g. Trafficking, RNA metabolism and translation) are implicated in autophagy and we will study these potential connections. The work will include proteomic, RNAseq, genetic, biochemical and cell biological approaches using Arabidopsis as the primary plant model.

More information can be found on our lab homepage: http://theustunlab.com/
References:

Requirements/Qualifications:
We are looking for an ambitious and highly motivated Postdoc with proven expertise in cell and molecular biology, plant-microbe interactions and Arabidopsis. Prior experiences with methods to study RNA/translaton, confocal imaging and/or bioinformatics skills are highly advantageous. Excellent English communication skills as well as teamwork abilities are expected. A PhD in molecular biology, biochemistry or corresponding is required.

Starting date is October 2018. Reviewing of applications will begin immediately and the position will remain open until a suitable candidate is found. Please send your application as a composite pdf-file in English (letter of motivation stating your research interests and how you can intellectually contribute to the group, CV including publication record, name and addresses of at least two referees) via email to: suayib.uestuen[at]zmbp.uni-tuebingen.de or suayib.ustun[at]slue

The ZMBP is a world-class center for Plant Biology research and is situated in a brand-new and well-equipped building in the University of Tübingen science campus. The University of Tübingen is an equal opportunity employer and particularly welcomes applications from qualified women and individuals with disabilities.

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Sorry, no open positions available

Nach oben

Graduate students (Doktoranden)

Permanent advertisement

Eberhard Karls Universität Tübingen
Math.-Naturwissenschaftliche Fakultät
Zentrum für Molekularbiologie der Pflanzen (ZMBP)

Am Zentrum für Molekularbiologie der Pflanzen (ZMBP), Abt. Entwicklungsgenetik, werden hochmotivierte Doktorand(inn)en

Bachelor

für DFG-finanzierte Projekte zu den Themen Zellpolarität, Zellkommunikation, Cytokinese gesucht.


Erfahrungen in Genetik, Molekularbiologie, Proteinbiochemie oder Zellbiologie sowie gute Englisch-Kenntnisse sind erwünscht. Bitte senden Sie Ihre Bewerbung mit der Angabe von 3 möglichen Referenzen per email an:

Prof. Dr. Gerd Jürgens, ZMBP-Entwicklungsgenetik, Universität Tübingen,
Auf der Morgenstelle 32, 72076 Tübingen, Tel. 07071/29 78887,
e-mail: gerd.juergens[at]zmbp.uni-tuebingen.de

Permanent advertisement

The Center for Molecular Biology of Plants, Developmental Genetics, is seeking highly qualified PhD students

PhD students

Bachelor or MSc students

in the areas of cell polarity, cell-cell communication, cytokinesis (DFG-funded projects). For more information, see Weijers et al., 2006, Dev. Cell 10, 265; Geldner et al., 2003, Cell 112, 219; Richter et al., 2007, Nature 448, 488; Reichardt et al., 2007, Curr. Biol. (in press).

The successful candidates are highly motivated, proficient in English and experienced in genetics, molecular biology, cell biology or biochemistry. Please send your application including names of 3 potential referees by e-mail to:

Prof. Dr. Gerd Jürgens, ZMBP-Entwicklungsgenetik, Universität Tübingen,
Auf der Morgenstelle 32, 72076 Tübingen, Tel. 07071/29 78887,

http://www.zmbp.uni-tuebingen.de/zmbp/job-opportunities.html#c12495
Undergraduate students (Bachelor, Master)

15.5.18

Master Thesis in Plant Biochemistry

Our research group in the Department for Plant Biochemistry at the Center for Plant Molecular Biology (ZMBP), University of Tübingen, is offering a position for a highly motivated Master student.

We are currently working on the characterization of a plant immunity regulator. We would like to understand the role of phospholipases during plant immune responses. Recent results show a negative regulatory function of a certain PLD and interaction with important key-players of plant innate immunity. The aim of the work will be to validate the preliminary results and to further biochemically characterize the protein.

- The project will include the following methods:
  - Recombinant protein expression and purification
  - In vitro and in vivo phosphorylation experiments
  - Protein-protein interaction studies (co-immunoprecipitation, yeast two-hybrid and FRET-FLIM interaction assays)
  - Molecular and physiological studies (cloning, real time-PCR, etc.)
  - Plant infection assays

We offer an innovative and scientifically stimulating environment, a well-equipped lab as well as an international and cooperative research team. You should apply if you are a biology or biochemistry student who is enthusiastic about science and keen on learning new techniques.

For further information and for applying please contact andrea.gust[at]zmbp.uni-tuebingen.de.

For more details about the ZMBP, please visit:

http://www.zmbp.uni-tuebingen.de/zmbp.html

Sorry, no open positions available

Technical staff (Technische Angestellte)

Sorry, no open positions available

Student lab assistants (Wissenschaftliche Hilfskräfte)

Sorry, no open positions available
Administration staff (Verwaltungskräfte)

Sorry, no positions open at present

Nach oben

Gardeners and Technical Support staff (Gärtnerei- und Werkstattpersonal, Hausmeisterei)

Sorry, no open positions available

Stellenangebote der Universität Tübingen
Nach oben