



## PhD positions in Developmental Genetics and Cell Biology

Per April 1, 2015 the University of Tübingen will establish a new Professorship in Developmental Genetics and Cell Biology funded by the Alexander von Humboldt Foundation, see <http://www.humboldt-professur.de/en/preistraeger/preistraeger-2015/marja-timmermans>

Three PhD positions are available within the newly established laboratory to investigate how Arabidopsis and maize leaves acquire their three-dimensional shape and establish distinct cellular identities. Particularly the role of small RNAs as novel intercellular signals in the specification of top-bottom leaf polarity will be investigated. The work will involve advanced genetics, quantitative confocal microscopy, high throughput sequencing, and computational approaches. For background reading on the projects, see:

<http://www.cshl.edu/Faculty/timmermans-marja-professor.html>

<http://www.sciencedirect.com/science/article/pii/S0959437X14000367>

Positions are guaranteed for up to four years, dependent on a decision after an initial six-month probationary period. Funding will be approx. 1200 euros per month (after tax) dependent on previous experience and qualifications.

The successful candidates have an MSc or equivalent degree in Developmental Genetics or Plant Molecular Biology. Preference will be given to candidates with experience in molecular biology, microscopy, or computational biology. She/he will join the ZMBP graduate program that offers a broad interdisciplinary training in the molecular life sciences. 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 individuals with disabilities. The University of Tübingen aims to increase the percentage of women in research positions and strongly encourages qualified women to apply.

Please send your application including motivation letter, curriculum vitae, and contact details of at least two referees as a single pdf to:

**Prof. Marja Timmermans** (timmerma@cshl.edu)  
Alexander von Humboldt Professor

University of Tübingen  
ZMBP - Developmental Genetics and Cell Biology  
Auf der Morgenstelle 32  
72076 Tübingen  
Germany