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Assistant Professor of Plant Cell and Developmental Biology / Plant-Microbial Interactions

The Department of Biology (www.biol.ethz.ch) in cooperation with the Department of Environmental System Sciences (www.usys.ethz.ch) at ETH Zurich invites applications for above-mentioned position. The new professor is expected to build a vibrant, world-class research program that combines state-of-the-art technologies in plant molecular cell biology, live cell imaging, and genetics to generate new knowledge of the fundamental molecular mechanisms underlying plant development and/or plant microbe interactions. The activities should be integrated with ongoing research developed in the Department of Biology in the areas of plant biology and genetics, cell dynamics, systems biology. The successful candidate is also expected to promote translational research activities in the context of the World Food System strategic initiative of ETH Zurich. He or she will be a member of the Department of Biology and associated with the Department of Environmental System Sciences and contribute to the teaching activities offered by these departments at the bachelor and master levels. The research group will be housed in the Institute of Agricultural Sciences. The new professor will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

This assistant professorship has been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period.

Please apply online at www.facultyaffairs.ethz.ch

Applications should include a curriculum vitae, a list of publications, the names of at least three referees, a teaching statement, and a short overview of the research interests. The letter of application should be addressed to the President of ETH Zurich, Prof. Dr. Ralph Eichler. The closing date for applications is 30 November 2013. ETH Zurich is an equal opportunity and family friendly employer and is further responsive to the needs of dual career couples. In order to increase the number of women in leading academic positions, we specifically encourage women to apply.
CALL FOR PAPERS

Plant Physiology®
Focus Issue on Weed Control

Deadline for Submission: March 3, 2014
To submit an article, please go to http://submit.plantphysiol.org

Weed control represents a core challenge to maintaining crop yield and quality, with herbicides remaining our greatest global agrochemical input into farming. Despite their importance, no new herbicide mode of action has been commercialized in over 20 years, with many existing products withdrawn due to changes in environmental regulations. In addition, our reliance on a relatively small number of modes of action for herbicides has resulted in resistance now being widespread in competing weeds. In this Focus Issue, in addition to reviewing the state of the art in herbicides as weed control agents, we are encouraging the plant science community to explore new technologies, such as the application of “omics” and chemical genetics, and new knowledge in intervening in plant processes using both small molecules and biological control approaches. We will also look afresh at the basic research now needed to promote further innovation in this important branch of translational plant science, which underpins sustainable intensification in crop production.

Authors interested in contributing should indicate this in the cover letter when submitting papers online at http://submit.plantphysiol.org/. Please select “Weed Control (July 2014)” from the Focus Issue list in the online submission system. Articles published in Plant Physiology on this topic within 2 years before and after the Focus Issue publication date will be collected in an online Focus Collection on Weed Control.

Please contact Robert Edwards (robert.edwards@york.ac.uk) or Matthew Hannah (matthew.hannah@bayer.com) for additional information.
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