



VISION 2020 - A PERSONAL PERSPECTIVE THE FUTURE OF AGRICULTURE

Thursday, May 11, 2017, 17:00h
Lecture Hall Y03 G91
University of Zurich, Irchel Campus
Prof. Ueli Grossniklaus
Department of Plant and Microbial Biology
University of Zurich



The Quest for Apomixis in Crops

About 500 plant species can reproduce through apomixis, the asexual reproduction through seed, but it is absent from major crops. Apomixis results in genetic clones and therefore has an enormous potential for agriculture, as it allows the indefinite maintenance of desired genotypes, including those of hybrids widely used in agriculture. Introducing apomixis into crops would not only facilitate plant breeding and seed production but also greatly benefit subsistence farmers and contribute to food security.

The presentation is followed by an aperitif and - for a limited number of students - by a dinner with the speaker. For the dinner, contact marek.whitehead@uzh.ch not later than May 9, 2017 by explaining why you would like to meet the speaker.

Organization

The event series Vision 2020 is organized by a committee of PhD students of the PhD Program in Integrative Molecular Medicine (imMed):
Institute of Physiology UZH: Marek Whitehead (chair) | Emilia Boiadjieva | Tobias Hasler
Institute of Veterinary Physiology UZH: Fabienne Villars
Division of Obstetrics USZ: Panagiota Papageorgiou
Institute of Physiology UZH: Darya Protsyuk, from the PhD Program Cancer Biology
Institute of Molecular Life Sciences UZH: Dezirae Beck
Institute of Pharmaceutical Sciences ETH: Evelin Krajnc,
from the PhD Program Molecular and Translational Biomedicine
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