



University of  
Zurich<sup>UZH</sup>

**ETH** zürich

# VISION 2020 - A PERSONAL PERSPECTIVE THE FUTURE OF AGRICULTURE

Thursday, August 24, 2017, 17:00h  
Lecture Hall Y03 G91  
University of Zurich, Irchel Campus  
Prof. Dr. Wilhelm Gruissem  
Institute of Molecular Plant Biology, ETHZ



## The future of agriculture in the age of genome editing

A significant yield gain of the ten major crops, including maize, wheat and rice has occurred during the last 50 years, and they now provide almost 95% of the calories consumed worldwide. However, these crops are vulnerable to stresses, caused by the rapidly changing climate, and their production contributes to greenhouse gas emissions. Utilization of the genetic potential of crop diversity available in seed banks around the world, combined with new genome editing technologies, can make an important contribution towards mitigating these problems.

The presentation is followed by an aperitif and - for a limited number of students - by a dinner with the speaker. For the dinner, contact [emilia.boiadjieva@uzh.ch](mailto:emilia.boiadjieva@uzh.ch) not later than August 22, 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 | Amalia Ruiz Serrano | Ilaria Orlando  
*Institute of Veterinary Physiology UZH:* Fabienne Villars  
*Institute of Physiology UZH:* Darya Protsyuk | Elisabetta Biglieri 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  
*URPP Global Change and Biodiversity:* Maria Parreño  
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