



EpiCass & CassavaNet4Dev Online Mini-Symposium
Epigenetics and crop improvement
 19 May 2022

Organizers:

Prof. Erik Bongcam-Rudloff, SLU, Uppsala, Sweden
Dr. Livia Stabolone, IPSP-CNR, Bari, Italy
Dr Laurent Falquet, UniFr, Switzerland
Dr. Adnan Niazi, SLU, Uppsala, Sweden
Trushar Shah, IITA, Nairobi, Kenya
Michael Landi, IITA, Nairobi, Kenya
Dr. Andreas Gisel, ITB-CNR, Bari, Italy

Research on plant epigenetics helps to understand how endogenous, biotic, and abiotic factors might regulate plant growth, development, and interaction with the environment independent of changes in the genome sequence. Often, the epigenetic changes are heritable across several generations and harmonize plant growth and crop tolerance in response to environmental stimuli.

The Mini-Symposium will cover some of these topics and relate them to possible applications for new breeding strategies for crop improvement.

Please **REGISTER** at: https://slu-se.zoom.us/webinar/register/WN_L4xslkQMTzyhIXVJEktytg

	Time (EAT)	Time (CEST)	Time (WAT)	
Greetings and EpiCass Introduction	10:00 - 10:30	09:00 - 09:30	08:00 - 08:30	Erik Bongcam-Rudloff , SLU, Uppsala, Sweden
Plant Epigenetics and population epigenetics	10:30 - 11:10	09:30 - 10:10	08:30 - 09:10	Ueli Grossniklaus , University of Zurich, Switzerland
Coffee Break	11:10 - 11:30	10:10 - 10:30	09:10 - 09:30	
Epigenetics in trees: Populus trichocarpa	11:30 - 12:10	10:30 - 11:10	09:30 - 10:10	Frank Johannes Technical University of Munich, Germany
Epigenetics and biotic stress	12:10 - 13:00	11:10 - 12:00	10:10 - 11:00	Claude Becker , Ludwig Maximilians University, Munich, Germany
Lunch Break	13:00 - 15:00	12:00 - 14:00	11:00 - 13:00	
Viral diseases in cassava	15:00 – 15:50	14:00 – 14:50	13:00 – 13:50	Stefan Winter , DSMZ Plant Virus Department, Germany
Molecular cassava breeding	15:50 – 16:40	14:50 – 15:40	13:50 – 14:40	Ismail Rabbi – International Institute of Tropical Agriculture, Ibadan, Nigeria
Epigenetics for crop improvement	16:40 – 17:30	15:40 – 16:30	14:40 – 15:30	Chad Niederhuth , Michigan State University, East Lansing, USA
Discussion	17:30 – 18:00	16:30 – 17:00	15:30 – 16:00	Erik Bongcam-Rudloff, Andreas Gisel