



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



BETAnet meeting
San Servolo | Venice | Italy
June, 18-20 2018

Patrocinated by: DAFNAE, University of Padova, Italy; CREA, Council for Research in Agriculture and Agricultural Economy Analysis, Italy.

Tuesday, June 19

- 8.30 Registration
- 9.00 Welcome addresses, report of the chair setting the scene
Organizers: **Parthenopi Ralli, Lothar Frese, Giuseppe Mandolino, Piergiorgio Stevanato**
- 9.30 **Lorenzo Maggioni**, European Cooperative Programme for Plant Genetic Resources (ECPGR), Italy
"ECPGR towards phase X"
- 9.50 **Parthenopi Ralli**, Institute of Plant Breeding and Phytogenetic Resources, Hellenic Agricultural Organization-DEMETER, Greece
Lothar Frese, Institute for Breeding Research on Agricultural Crops - Julius Kühn-Institut (JKI)
"WG activities towards the conservation and utilization of *Beta* genetic resources and the implementation of the ECPGR objectives"
- 10.10 **Nigel Maxted**, University of Birmingham, School of Bioscience, UK
Lothar Frese
Parthenopi Ralli
"Addressing the *in situ* deficit: towards complementary conservation of *Beta* spp. in Europe"
- 10.30 **Lothar Frese**, Institute for Breeding Research on Agricultural Crops - Julius Kühn-Institut (JKI), Germany
"Establishment of a genetic reserve network for sugar beet crop wild relatives"
- 10.50 Coffee Break
- 11.10 **Lee Panella**, Colorado State University, Fort Collins, USA
"From genetic resource to enhanced germplasm: utilization of crop wild relatives"
- 11.30 **Chris Richards**, USDA, Fort Collins, USA
"Building a comprehensive genetic resource in a crop wild relative"
- 11.50 **Mitch McGrath**, Michigan State University, USDA, East Lansing, USA
"The EL10 genome"
- 12.10 Discussion
- 12.30 Lunch

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- 14.00 **Bruno Desprez**, Florimond Desprez Créations Variétales, France
"The characterization of *Beta* genetic resources and their exploitation within elite germplasm"
- 14.20 **Christian Jung**, Christian Albrechts University of Kiel, Germany
"Exploiting genetic resources of the genus *Beta* to broaden the genetic variation in beet breeding"
- 14.40 **Miguel Ângelo Almedia Pinheiro de Carvalho**, University of Madeira, Portugal
"Endangered CWR, *Beta patula*, population monitoring aiming to promote in situ and ex situ conservation of its diversity"
- 15.00 **Subhashini Srinivasan**, Institute of Bioinformatics and Applied Biotechnology, India
"Application of OMICs in crop improvement"
- 15.20 **Marco De Biaggi**, Shelkovo Agrochim Moscow, Russia
Claudia Chiodi, University of Padova, Italy
"*Beta* genetic resources and related SNPs protecting against resistance-breaking rhizomania strains"
- 15.40 **Marek Szklarczyk**, Krakow Agricultural University, Poland
"Molecular aspects of fertility restoration in beet"
- 16.00 Coffee Break
- 16.20 **Somaieh Moshari**, Sugar Beet Seed Institute, Iran
"Validation of two Fusarium resistance-related SNPs in wild and cultivated beets "
- 16.40 **Dariusz Grzebelus**, University Agriculture in Krakow, Poland
"Differential expression of genes involved in resistance to rhizomania"
- 17.00 **Caifu Chen**, Integrated DNA technologies, USA
"Using rhAmp technology for molecular evaluation in beets"
- 17.20 **Stephan Weise**, Leibniz Institute of Plant Genetics and Crop Plant Research (IPK), Germany
"Integration of C&E Data into EURISCO (including IDBB Data)"
- 17.40 Discussion
- 18.00 Poster Session
- 19.30 Social Dinner
- Wednesday, June 20**
- 8.45 Technical Announcements
- 9.00 Workshop "Building interactions among beet genetic resources activities"
Organizers: Parthenopi Ralli, Lothar Frese, Giuseppe Mandolino, Piergiorgio Stevanato
- 12.00 Closure of the meeting