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

Patronated 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
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