



Cereal Pre-Breeding Workshop

24 – 25 November, 2009 Alnarp, Sweden

PROGRAM

24 of November (sessions at SLU 'Crafoordsalen', Navet, Växtskyddsvägen, Alnarp)

Bus leaving from First Garden hotel in Malmö to Alnarp at 11.00

11.30 – 12.30	<i>Lunch & Registration</i>		
12.30 – 12.35	Welcome	Jessica Kathle	Nordic Genetic Resource Center
12.35 – 12.40	Practical remarks	Morten Rasmussen, Agnese Kolodinska Brantestam	Nordic Genetic Resource Center
	Session 1 Pre-breeding in Cereals – status and examples of existing collaborations	Chair: Morten Rasmussen	Nordic Genetic Resource Center
12.40 – 13.00	Pre-breeding in the context of the GIPB and the International Treaty on PGRFA	Elcio P. Guimaraes	FAO
13.00 – 13.20	Public-Private collaboration, a Finnish solution	Marja Jalli	MTT Agrifood Research Finland The N.I. Vavilov Institute of Plant Industry
13.20 – 13.40	Pre-breeding of barley in Russia- results and perspectives	Igor Loskutov	
13.40 – 14.00	Landraces Deployment: Genetic Assessment and Evaluation	Jihad Orabi	KU Life
14.00 – 14.20	German Private – Public collaboration in pre-breeding	Wolfgang Friedt	University Giessen
14.20– 14.30	Discussion/questions		
14.30 – 14.45	<i>Coffee break</i>		
	Session 2 Breeding goals and needs	Chair: Marja Jalli	MTT Agrifood Research Finland
14.45 – 15.00	Special qualities in spring barley	Therese Christersson	Svalöf Weibull AB
15.15 – 15.30	Pre-breeding at Boreal	Eero Nissilä	Boreal Plant Breeding Ltd
15.30 – 15.45	Genetic base broadening of cereals: problems and goals	Vytautas Ruzgas	Lithuanian Institute of Agriculture
15.45 – 16.00	The impacts of a local plant breeding program – barley yields in Trøndelag	Morten Lillemo	Norwegian University of Life Sciences
16.00 – 16.30	Discussion/questions		

Bus leaving from Alnarp to First Garden hotel in Malmö at 16.30

19.00 - *Dinner (Malmö, St. Gertrud, Östergatan 7b)*



25 of November (sessions 3 at SLU 'Lokal 107', Alnarp)

Bus leaving from First Garden hotel in Malmö to Alnarp at 07.30

Session 3 Challenges of funding

Chair: Isaak Rashal

LU Institute of Biology

08.00 – 08.20

EU project possibilities & options

Representative from EC

EC

08.20 – 08.40

Global Crop Diversity Trust and the role of pre-breeding in a rational global system for PGRFA conservation and use

Luigi Guarino

Global Crop Diversity Trust

08.40 – 09.00

Public Private Partnerships in the Nordic countries

Roland von Bothmer

Swedish University of Agricultural Sciences

09.00 – 09.15

Discussion/Questions

09.15 – 09.30

Coffee break

Session 4 Future needs and application

Chair: Roland von Bothmer

Swedish University of Agricultural Sciences

09.30 – 09.45

Trait mining with eco-geographic data for improved utilization of plant genetic resources

Dag Terje Enderssen

Nordic Genetic Resource Center

09.45 – 10.00

'High-throughput SNP genotyping and utilization of Genetic Resources'

Luke Ramsay

Scottish Crop Research Institute
Norwegian

10.00 – 10.15

Synthetic wheat – an underutilized genetic resource in Nordic wheat breeding

Morten Lillemo

University of Life Sciences

10.15 – 10.30

Mutants as a source of genetic diversity

Udda Lundqvist

Nordic Genetic Resource Center

10.30 – 10.45

Pre-breeding for resistance to aphids in barley

Inger Åhman

Swedish University of Agricultural Sciences

10.45 - 11.00

Applying *Spontaneum*

Ahmed Jahoor

Nordic Seed

11.00 – 11.15

Prebreeding for resistance - examples from barley and wheat

Frank Ordon

Julius Kuehn-Institute

11.15 – 11.30

Barley adaptation to temperature and day length clines

Ernesto Igartua Arregui

CSIC

11.30 – 12.00

Discussion/Questions

12.00 – 12.30

Lunch

Session 5 Workshop session

12.30 – 12.40

Introduction: structure goal

Marja Jalli, Roland von Bothmer

12.40 – 14.00

WS A – Biotic stress resistance – new diseases & new races

Secretary: Marja Jalli

MTT Agrifood Research Finland

12.40 – 14.00

WS B – Yield stability, drought & salinity

Secretary: Ernesto Igartua Arregui

CSIC



12.40 – 14.00	WS C Germplasm availability - utilisation	Secretary: Roland von Bothmer	Swedish University of Agricultural Sciences
12.40 – 14.00	WS D – Collaboration possibilities: public-private; research-gene banks, trans-national	Secretary: Anders Nilsson	Swedish University of Agricultural Sciences
14.15 – 14.20	WS A – Biotic stress resistance – new diseases & new races - Reporting	Secretary: Marja Jalli	MTT Agrifood Research Finland
14.20 – 14.25	WS B – Yied stability, drought & salinity - Reporting	Secretary: Ernesto Igartua Arregui	CSIC
14.25 – 14.30	WS C Germplasm availability – utilisation - Reporting	Secretary: Roland von Bothmer	Swedish University of Agricultural Sciences
14.30 – 14.35	WS D – Collaboration possibilities: public-private; research-gene banks, trans-national Reporting	Secretary: Anders Nilsson	Swedish University of Agricultural Sciences
14.35– 15.40	Panel discussion		
15.40– 16.00	Concluding remarks and closing workshop	Morten Rasmussen	Nordic Genetic Resource Center

Bus leaving from Alnarp to Malmö Central station and First Garden hotel in Malmö at 16.00