



CIB

CONSORZIO INTERUNIVERSITARIO BIOTECNOLOGIE



PhD Schools in Scienze Molecolari e Biotecnologie Agrarie,
Alimentari ed Ambientali - Università degli Studi di Milano, Scienze delle Produzioni Vegetali
dell'Università degli Studi di Padova, Scienze Agrarie e Agroalimentare dell'Università degli Studi
di Napoli and Dottorato di Ricerca in Biologia Vegetale e Biotecnologie Agroambientali
dell'Università degli Studi di Perugia

Course on
“Genetic resources and physiology for a sustainable production in agriculture”

June 24th – 27th 2008, Parco Tecnologico Padano, Lodi, Italy

New deadline for application: **May 8th, 2008**
Application instructions: <http://www.cibiotech.it/>
Contact: Gabriella Consonni
Università degli Studi di Milano,
corsosost@unimi.it, 02. 50316524

Preliminary program

Tuesday, June 24th

14.00 - 15.00 **Registration and Poster Hanging**

15.00 – 16.00 **Opening and Introduction (Maurizio Cocucci)**

Tommaso Maggiore, Università degli Studi di Milano, Italy
Agricoltura sostenibile

16.00 – 19.00 **Session 1. Plant for Energy production (Paolo Parrini)**

16.00 – 17.30	Silvana Castelli, Ibbra CNR, Milano, Italy <i>Introduction</i>
	Paolo Pesaresi, PTP, Lodi, Italy Improving photosynthesis and biomass production
17.30 – 18.00	<i>Coffee break and Poster Vision</i>
18.00 – 19.00	Speaker to be confirmed
20.00	<i>Dinner at Hotel Lodi</i>

Wednesday, June 25th

8.30 – 12.30 Session 2. Biodiversity (micro-organisms, plants and animals) for sustainable production (Fabio Veronesi)

8.30 – 11.00	<i>Introduction</i>
	Paul Gepts Davis, California, USA <i>Lecture on crop evolution, biodiversity and domestication</i>
	Daniele Daffonchio, Università degli Studi di Milano, Italy <i>Lecture on micro-organism biodiversity</i>
11.00 – 11.30	<i>Coffee Break and Poster Vision</i>
11.30 – 12.30	Francesco Panella, Università degli Studi di Perugia, Italy <i>Lecture on animal biodiversity</i>
12.30 – 14.30	<i>Lunch break and Poster Vision</i>
14.30 – 19.00	Students' oral communications
17.00 – 17.30	<i>Coffee break and Poster Vision</i>
17.30 – 19.00	Students' oral communications
20.00	<i>Dinner at Hotel Lodi</i>

Thursday, June 26th

8,30 – 13.00 Session 3. Nutrient use efficiency for a better utilization of mineral fertilizers (Gian Attilo Sacchi and Fabio Nocito)

8.30-11.00	Gian Attilio Sacchi, Università degli Studi di Milano, Italy <i>Introduction</i>
	Zeno Varanini, Università degli Studi di Verona, Italy <i>Mineral nutrition in plants: chemical and physiological constraints. Is it a</i>

low-impact approach possible?

Ann Krapp, INRA, France

Nitrogen use efficiency

11.00 – 11.30

Coffee Break and Poster Vision

11.30 – 12.30

Stanislav Kopriva, John Innes Centre, UK

Sulfur use efficiency: absorption and assimilation

12.30 – 14.30

Lunch break and Poster Vision

14.30 – 19.30

Session 4. Genetic and physiology of plant adaptation to abiotic and biotic stress (Giuseppe Gavazzi and Domenico Carputo)

14.30 – 17.00

Luigi Cattivelli, C.R. per la Genomica e la Postgenomica Animale e Vegetale Fiorenzuola D'Arda, Italy

Genetics of biotic and abiotic stress resistance: basic concepts

Monica Frey, University of Munich, Germany

Chemical defence in Plants: Biosynthesis of Benzoxazinoids

Francesco Pennacchio, Università degli Studi di Napoli, Italy

17.00 – 17.15

Coffee break and Poster Vision

17.15 – 19.30

Donal O'Sullivan, NIAB, Cambridge, UK

Plant breeding for disease resistance

Antonella Leone Università degli Studi di Napoli, Italy

Lecture on abiotic stress

20.00

Dinner at Hotel Lodi

Friday, June 27th

8.30 – 12.30

Session 5. Plant development and crop production (Gabriella Consonni and Gianni Barcaccia)

8.30 – 11.00

Laura Rossini, Università degli Studi di Milano, Italy

Manipulation of plant development from crop domestication to modern breeding

Robert Schmidt, University of San Diego California, USA

Lecture on plant architecture

Roberto Tuberosa/ Silvio Salvi, Università degli Studi di Bologna, Italy

The genomic approach to improve the sustainability of cereal production

10.30 – 11.00	<i>Coffee Break and Poster Dismount</i>
11.00 - 12.00	Speaker to be confirmed
12.00 – 12.30	Closing ceremony
12.30	<i>Lunch</i>