

Website:

www.pesticideschool.unimi.it

Organising committee:

Daniele Daffonchio, Sabrina Dallavalle, Fabio Forlani

Information:

Università degli Studi di Milano
tel. 02 50319117; fax 02 50319238

e-mail:

daniele.daffonchio@unimi.it

sabrina.dallavalle@unimi.it

fabio.forlani@unimi.it

Milano, January 21th, 2013

VIII workshop

**Doctorate in Chemistry,
Biochemistry and Ecology of
Plant Protection Products and
Xenobiotics**

How to reach us:

Facoltà di Scienze Agrarie e Alimentari
Università degli Studi di Milano
Via Celoria 2, Milano

From the station (Centrale FS):
Metro line 2 (green), direction Gobba, stop at Piola
(after 3 stops)

From the city center
tram lines 23 or 11, stop at Piazza L. da Vinci
bus lines 90/91, stop at Viale Romagna
crossing Via Pascoli
bus line 61, stop at the 2nd stop of Via Botticelli

By car from outside Milano
From Tangenziale Est
exit Rubattino or Forlanini

Aula Magna C03 (Room C03)
Facoltà di Scienze Agrarie e Alimentari
Università degli Studi di Milano

VIII workshop

Doctorate in Chemistry, Biochemistry and Ecology of Plant Protection Products and Xenobiotics

The PhD Course in Chemistry, Biochemistry and Ecology of Plant Protection Products and Xenobiotics (formerly: Chemistry, Biochemistry and Ecology of Pesticides) that takes place at the Università degli Studi di Milano and is conducted in consortium with the Faculty of Agriculture of the Università Cattolica di Piacenza, has already reached 24 years of activity. It has now become part of the PhD School of Molecular Sciences and Plant, Food and Environmental Biotechnology applied to the food and the environmental research.

The PhD Course is characterized by high interdisciplinarity, since a high level activity in this area requires integrated competences, that cover a wide range of knowledge, from chemistry to biology, to agronomy.

In these years the PhD Course has trained a significant number of students, also through experiences abroad, who have thereafter continued their activity in industries of this area, in inspective and programming institutions, and in the university or other research centers.

Also this year, the Board of Teachers has decided to admit a wider audience to the final exam, transforming the discussion of the theses and the annual meeting in which the PhD students present their activity in an open workshop, in which experts in the field from institutions or companies operating in this area can participate.

The workshop will be opened by scientific lectures presented by international experts in the field, followed by the discussion of the PhD theses of the students.

Monday, January 21th (morning)

Final exam

9:15 – Welcome (Daniele Daffonchio, Luciano Piergiovanni)

Plenary lecture

9:30 – GRAZIANO GUELLA

"Chemodiversity, phylogenetic significance and ecological role of Natural Products"

Final PhD talk

10:15 – SACHIN AIWALE

"Synthesis and biological activity evaluation of natural antifungals and their analogues"

10:45 – Coffee break

Plenary lecture

11:15 – STEFANO CANNICCI

"Responses of mangrove ecosystems to pollution: the role of macro-benthic bio-engineers"

Final PhD talk

12:00 – MARCO FUSI

"Perspectives on mangrove crab ecology: functional role and vulnerability"

PhD talks (26th cycle)

12:30 – SONIA CICCACCO

"Effects of cold-adapted plants on the taxonomic structure of the active rhizobacterial communities in high mountain environments"

12:45 – SANTOSH VITTHAL LAHORE

"Approach to the synthesis of Bulgarein and Ascaulitoxin natural products"

13:00 – LUIGI SANSONNO

"Microbial Symbionts: a new tool to preserve pollinators health"

13:15 – FEDERICA TROIANO

"Combining cultural and culture-independent methods for investigating airborne and surface-associated microbial communities and deterioration phenomena"

13:30 – Buffet Lunch

Monday, January 21th (afternoon)

PhD talks (27th cycle)

14:30 – MARTA BARBATO

"Microbial diversity in open sea and coastal polluted sites across the Mediterranean Sea"

14:45 – MARIA BONALDI

"Screening of streptomycetes as biological control agents: preliminary results"

15:00 – PAOLA CAMPIA

"Fungicide resistance in *Botrytis cinerea*: monitoring and characterization"

15:15 – ALBERTO MARIA CATTANEO

"Electrophysiological and behavioural response of the Grapevine Moth *Lobesia botrana* to odours of the non-host plant *Perilla frutescens*"

15:30 – CRISTINA CATTO'

"Natural compounds for controlling microbial adhesion and biofilm formation"

15:45 – EMANUELA LOMBARDI

"Optimization of the process of biomass production of a *Desulfovibrio vulgaris* strain and test of its effectiveness in bioremediation processes"

16:00 – VIOLETTA VACCHINI

"Ecology and interaction of microbial symbionts in *Drosophila suzukii*"

16:15 - End of Workshop

16:30 – Council of the Doctorate in "Chemistry Biochemistry and Ecology of Plant Protection Products and Xenobiotics"

Jury Board

Prof. Ettore Capri, Università Cattolica del Sacro Cuore
Prof. Graziano Guella, Università degli Studi di Trento
Dr. Stefano Cannicci, Università degli Studi di Firenze