

Website:

www.pesticideschool.unimi.it

How to reach us:

Sala Napoleonica (Palazzo Greppi)
Via S. Antonio, 10 - 20122 Milano
Università degli Studi di Milano

Nearby Metro stops:

MISSORI (line 3); DUOMO (line 1); CROCETTA (line 3).

From the train station (Centrale FS): Metro line 3 (yellow), direction COMASINA - S.DONATO (stop at MISSORI)

By car from east of Milano:

-Tangenziale Est (exit: Forlanini)

By car from west of Milano:

-A4 (exit: Milano V.le Certosa)

By car from south of Milano:

-A1/A51 (exit. Milano V.le Corvetto)

Organising committee:

Daniele Daffonchio, Francesca Cappitelli, Fabio Forlani

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Admission:

Attendance is free of charge.

For logistic reasons, the intention to participate should be sent by email (fabio.forlani@unimi.it) giving name, surname and own institution.

Milano, December 18th-19th 2014

X Workshop

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

Sala Napoleonica (Palazzo Greppi)
Università degli Studi di Milano

X 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 27 years of activity. It is 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 enriched by scientific lectures presented by international experts in the field.

Participation to workshop is free.

Thursday, December 18th (final exam)

8:45 – Welcome (Daniele Daffonchio)

Plenary lecture

9:00 – FRANCESCO FARETRA (Bari, Italy)

“Sources of genetic diversity in *Botrytis cinerea*, the causal agent of grey mould”

Final PhD talks

9:45 – MARIA BONALDI

“Streptomyces as biological control agents and plant growth promoting bacteria”

10:30 – PAOLA CAMPIA

“Sensitivity to fungicides and genetic structure of *Botrytis cinerea* populations isolated in Lombardy”

11:15 - Coffee break

Plenary lecture

11:45 – JUTTA PAPENBROCK (Hannover, Germany)

“Development of genetic markers for classification and biotechnological uses of seagrasses and halophytes”

Final PhD talk

12:30 – CRISTINA CATTÒ

“New strategies based on natural compounds for controlling biofilm formation”

13:15 – Buffet Lunch

Plenary lecture

14:15 – AMEUR CHERIF (Sidi Thabet, Tunisia)

“Microbial resource management and biotechnology”

Final PhD talks

15:00 – MARTA BARBATO

“Polluted marine ecosystems: reservoir of microbial resources for hydrocarbon bioremediation”

15:45 – VIOLETTA VACCHINI

“Microbial ecology of the spotted wing fly *Drosophila suzukii*”

16:30 – Coffee break

Plenary lecture

17:00 – ULDERICO SANTAMARIA (Viterbo, Italy)

“The use of natural molecules for disinfection treatments of artworks”

Final PhD talk

17:45 – EMANUELA LOMBARDI

“Biotechnologies for restoration of cultural heritage”

18.30 – Jury Board Session

19.00 – End of first Workshop day

Friday, December 19th

Plenary lecture

9.30 – CLAUDIO BANDI (Milano, Italy)

“Gendercide symbionts, and other stories of sex, symbiosis and survival”

PhD talks

10.15 – DAVIDE LAVAZZA

“A stable dechlorinating community: overview and perspectives”

10.30 – S. A. I. SANTIAGU MODUTHAGUM

“Interactions between microbes and host of agricultural interest”

10:45 – Break

11:15 – ATUL ARUN DHAVAN

“Approach to the synthesis of the antifungal natural compounds leopolic acid A and 3-O-methylfunicone”

11.30 – XIAOYULONG CHEN

“Transformation of streptomycetes with EGFP to study plant-microbe interactions”

11.45 – MOHAMED KAMEL

“Etiology of Crown rot in organic bananas and evaluation of disease management strategies”

12.00 – End of Workshop

12.05-13.00 – Council of the Doctorate in “Chemistry Biochemistry and Ecology of Plant Protection Products and Xenobiotics”