

# Summer School

# BIOSAFE

Biological Risk Assessment in food: from research to application

Università Cattolica del Sacro Cuore,  
Campus of Piacenza (Italy), 9-17 June 2016



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BIOSAFE is a Doctoral programme, developed as a joint action of the Doctoral Schools of Università Cattolica del Sacro Cuore and Università degli Studi di Milano. It is specifically targeted to higher education in food safety, with particular attention to biological risks in the food chain.

BIOSAFE is part of the activities of the Graduate School on Food Safety, established in 2013, thanks to the agreement between the Ministry of Health, the Ministry of Education, University and Research, EXPO 2015, Università degli Studi di Milano and Università Cattolica del Sacro Cuore.

The BIOSAFE Summer School is organized in collaboration with the European Food Safety Authority (EFSA).



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## Objective of the Summer School

The BIOSAFE Summer School is an opportunity open to PhD candidates and graduate, aiming at:

- examining the role of risk assessment in the risk analysis framework
- presenting the EU approaches for risk assessment, which particular attention at the biological risks
- discussing the relevance of scientific research for the Risk Assessment in food at national and supranational levels
- analysing the role of regulatory science for food safety in a global scale
- connecting the future generation of risk assessors from EU and neighbourhood countries
- bringing together young scientists and EU bodies involved in food safety



## The Structure

Experiential learning, seminars, case studies involve students in open discussions on Food safety. Furthermore, participants present, in a specific session, the results of their research activities.

## The Faculty

The faculty is composed by academic staff of the two organizing universities, by EFSA

officers and by academics and scientists with outstanding experience in food safety.

## Participants

The Summer school is specifically devoted to PhD students at their last year of study and to recently PhD (max 2 years after thesis defense). The participation is open to PhD students and

graduates from EU countries, from Candidate-Potential Candidates Countries (Albania, the former Yugoslav Republic of Macedonia, Montenegro, Serbia, Turkey, Bosnia and Herzegovina, Kosovo) and neighbourhood countries (Algeria, Egypt, Lebanon, Palestine, Armenia, Georgia, Libya, Syria, Azerbaijan, Israel, Moldova, Tunisia, Belarus, Jordan, Morocco, Ukraine).

## How to apply - Deadline

**A**pplication shall be submitted to Università Cattolica del Sacro Cuore - E-mail: biosafesummerschool@unicatt.it shall contain:

- Curriculum vitae including relevant publications
- Title and topics of the PhD research/thesis
- A motivational letter
- A picture of the applicant

The deadline for applications for the summer school is May 20, 2016. Applicants from universities of BIOSAFE project must coordinate their application with their institutional coordinators. All applicants will be informed about the selection of participants in late May. The working language of the summer school is English; therefore, a sufficient understanding and ability to express oneself in this language is required. For any question or issue please write to biosafesummerschool@unicatt.it



## Programme and topics

**T**he Summer School provides to the students theoretical and practical notions on Food Safety. Part of the topics is addressed by EFSA officers and the lessons takes place in EFSA (Parma).

Students are involved in two simulation case studies, organized with a phase of data collection and analysis, working group and plenary discussion.

### ► Topics

- Food safety in a global vision
- The EU risk analysis framework and management
- Food Law in the European Union
- Biological risks in the food chain
- Zoonosis and zoonotic agents
- Biological risk assessment of regulated products
- GMO risk assessment
- Basis of the Toxicological Risk Assessment
- Microbiological Risk Assessment
- Environmental Risk Assessment
- Antimicrobial Resistance as a biological risk in the food chain

### Duration/Location

9-17 June 2016 Residenza Gasparini (Piacenza) and two meetings in EFSA (Parma). Università Cattolica will provide:

- free accommodation for the whole duration of the summer school, including breakfast
- free Welcome Dinner
- free WiFi at the Summer School venue
- free Summer School materials



## ► Topics addressed by EFSA

- Scientific Cooperation within and beyond the EU and capacity building activities
- Food Risk Communication. Communicating and cooperating in time of crisis (theory and exercises)
- Food Safety and approaches on Risk Ranking
- Prometheus, Systematic Literature Reviews and Expert Knowledge Elicitation
- Novel food and feed.



## ► Case Studies

The two team-taught cases studies are simulation games, in which the students experience the activity of drafting a scientific opinion in a plenary session. The structure of the case study is the following:

- data collection and analysis
- establishment of thematic working groups
- plenary session: reporting of WG outcomes, general discussion and drafting of the scientific opinion.

**CASE 1:** Biological Risk. Data collection and analysis, working groups meetings, plenary discussion

**CASE 2:** The Risk Assessment of a regulated products. Data collection and analysis, working groups meetings, plenary discussion



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