



# XVII

IOBC-WPRS Meeting of the Working Group

## **Biological and integrated control of plant pathogens**

**From single microbes to microbiomes targeting**

**One Health**

**June 11-14, 2025**

Torino, Italy



Dear Colleagues,

the XVII Meeting of the Working Group 'Biological and integrated control of plant pathogens' "*From single microbes to microbiomes targeting One Health*" ([www.iobctorino2025.org](http://www.iobctorino2025.org)) will take place from June 11 to June 14, 2025 in the heart of Torino ([www.italia.it/en/piedmont/turin/guide-history-facts](http://www.italia.it/en/piedmont/turin/guide-history-facts)) at the Complesso Aldo Moro of the University of Torino.

The meeting will focus on the holistic framework of One Health, by discussing on how biocontrol of plant diseases, beside improving plant health, favours also soil, animal, and human health. Understanding the concept of pathobiome and plant-microbiome interactions will help to foster new biocontrol solutions. Biocontrol agents can be used to develop microbe-based products, but are also a rich source of natural plant protection products, useful in crop protection in association to biostimulants, biofertilizers, and plant strengtheners.

Students, experts, researchers, and other stakeholders interested in exploring potential enhancements in biological control and its application are warmly invited to take part. The conference aim is also to encourage attendees to create new networks with a vision to develop future collaborations.



## Preliminary program:

### WEDNESDAY 11 JUNE

- 12:00 Registration
- 14:00-19:00 Opening and oral session
- 19:00-21:00 Welcome reception
- 21:00-22:00 City Center walking tour

### THURSDAY JUNE 12

- 8:30-18:00 Oral and poster sessions

### FRIDAY JUNE 13

- 8:30-13:00 Oral and poster sessions
- 14:00-19:00 Field visit and social dinner

### SATURDAY 14 JUNE

- 8:30-12:00 Oral and poster sessions
- 12:00-13:00 Final discussion and conference closure

## Field Visit

Technical visit will be at Fontanafredda, wine producer, located in Langhe hills with a social dinner at their restaurant.

Born in 1858 from the love story between the King of Italy, Vittorio Emanuele II, and Rosa Vercellana, today it is the biggest private producer singolare of Barolo and, above all, a community, united by respect for the land, with 120 hectares of organic crops that frame Italy's first Storytelling Village.

The vineyard landscape of Langhe hills is a UNESCO world heritage since 2014.

### Dinner at "Osteria Disguido"

Osteria Disguido offers a quality menu with carefully selected seasonal ingredients, in a lively and informal environment.



## We will address the following main topics:

1. Biocontrol for soil, plant, animal, and human health targeting One Health
2. Biocontrol for resilient cropping systems tackling climate change
3. Biocontrol of emerging and complex plant diseases
4. Soil and plant biodiversity: unexplored sources of potential biocontrol agents
5. Single strains, synthetic consortia, and microbiomes: challenges in characterization, storage, and use
6. Mechanisms behind microbe-microbe and plant-microbe interactions
7. Mass production, formulation, and application of biocontrol agents
8. Industry and academia: a winning partnership for biocontrol product development
9. Commercial use of microbials for integrated and organic disease management
10. Legislation, ethics, and socio-economical aspects related to the use of microorganisms in agriculture
11. Targeting the Farm to Fork approach: consumer, farmer, environment, and policy needs
12. Biocontrol, biostimulants, biofertilizers and plant strengtheners: growing requests to microorganisms
13. Plant breeding targeting biocontrol
14. Beyond cells: microbial products against plant diseases

## Scientific Council:

Marc Bardin, France  
Paola Battilani, Italy  
Gabriele Berg, Austria  
Tomislav Cernava, UK  
David Collinge, Denmark  
Robert Czajkowski, Poland

Samir Droby, Israel  
Monica Höfte, Belgium  
Magnus Karlsson, Sweden  
Jürgen Köhl, The Netherlands  
Monica Mezzalama, Italy  
Gianfranco Romanazzi, Italy

Sabrina Sarrocco, Italy  
Davide Spadaro, Italy  
Neus Teixidó, Spain  
Sheridan Lois Woo, Italy

## Organising Committee

Francesco Aloï  
Domenico Bertetti  
Giovanna Gilardi

Paolo Gonthier  
Vladimiro Guarnaccia  
Giuglielmo Lione

Ilaria Martino  
Monica Mezzalama  
Davide Spadaro



## Important dates

### Submission opening:

October 1st, 2024.

### Deadline for submission of contributions including registration form, title of oral or poster contribution and finally formatted contribution to the conference proceedings:

31<sup>st</sup> January, 2025.

### Deadline for "early bird" registration\*:

28<sup>th</sup> February, 2025

### Late registration without option for oral or poster contributions will be possible after

1<sup>st</sup> March, 2025.

## Registration

Registration via conference webpage is required to attend all scientific sessions and social events. Please note that only fully registered participants will be admitted to the scientific sessions. A personalized confirmation e-mail will be sent to each participant once the payment of the registration fee has been received.

## Visa information

To find out whether, depending on your citizenship, country of long-term residence and the duration and reasons for your stay, you need a visa to enter Italy, see the Italian Ministry of Foreign Affairs website at <https://vistoperitalia.esteri.it/home/en> or check with your local Italian Embassy or other diplomatic representative before you travel.

The rules change regularly, so you should check you have the most up to date information for your trip. After your registration, if you need it, you can receive the invitation letter for visa application.

Please email to [iobc2025@symposium.it](mailto:iobc2025@symposium.it) for any clarification you may need.

Below there is an overview of the participation fees. Fees are in euros including VAT.

|  | IOBC member                | IOBC non-member*           | Master and PhD students**<br>(IOBC member and non-member) |
|--|----------------------------|----------------------------|---|
| Early payment until<br>February 28, 2025 | € 545,00<br>(VAT included) | € 665,00<br>(VAT included) | € 425,00<br>(VAT included)                                |
| Late payment after<br>February 28, 2025  | € 605,00<br>(VAT included) | € 725,00<br>(VAT included) | € 485,00<br>(VAT included)                                |

\* The fee includes IOBC-WPRS membership for one year.

\*\* A certificate confirming Master or PhD student status must be submitted as a scanned copy during registration.

## Full registration fee includes:

- Welcome reception
- Official conference program
- Conference proceedings
- All lunches (3) and mid-session coffee/refreshments breaks
- Congress Tour
- Gala dinner

## Accompanying person:

- Gala dinner 70 €
- Excursion 30 €
- Welcome reception 30 €

## General rules:

It is possible to submit abstracts, extended abstracts or full papers that will be published in the IOBC-WPRS Bulletin.

Abstracts/extended abstracts/full papers must be submitted via the online submission system.

<https://web.symposium.it/iobc2025/abstract/login.php>

Abstracts submitted by other means will not be accepted.

Authors should indicate the most appropriate topic for their work as well as their preferred method of presentation. The Scientific Committee reserves the right to reassign the accepted paper to a more appropriate session and/or method of presentation.

It is anticipated that Abstracts, extended abstracts and full papers will be published in the IOBC-WPRS Bulletin proceedings.

The IOBC-WPRS Bulletin publishes papers presented during IOBC-WPRS Working Group or Study Group Meetings and the IOBC-WPRS General Assemblies, as well as Guidelines for Integrated Production etc. The papers should be addressed to the convenors of the Working Group or Commission, for the General Assembly to the Secretary General.

Language: The papers should be written in English. The content should be clear, concise, and have been revised by a mother tongue or an experienced speaker.

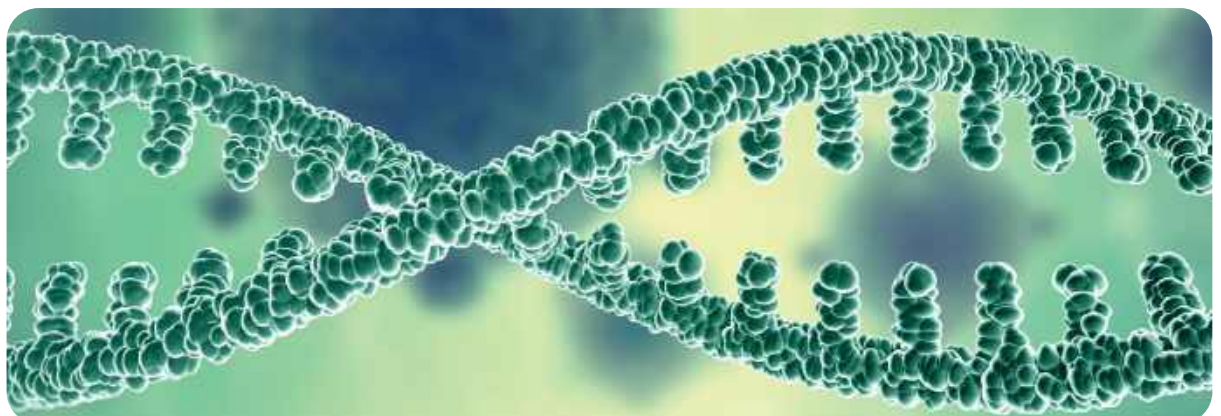
As a general rule, full papers should consist of

- Abstract
- Key words
- Introduction
- Materials and methods
- Results and discussion (separated or combined)
- Acknowledgements (if necessary)
- References

Exceptions to this format could arise, in agreement with the Convenor, for example in case of review papers or position papers contributed by keynote speakers.

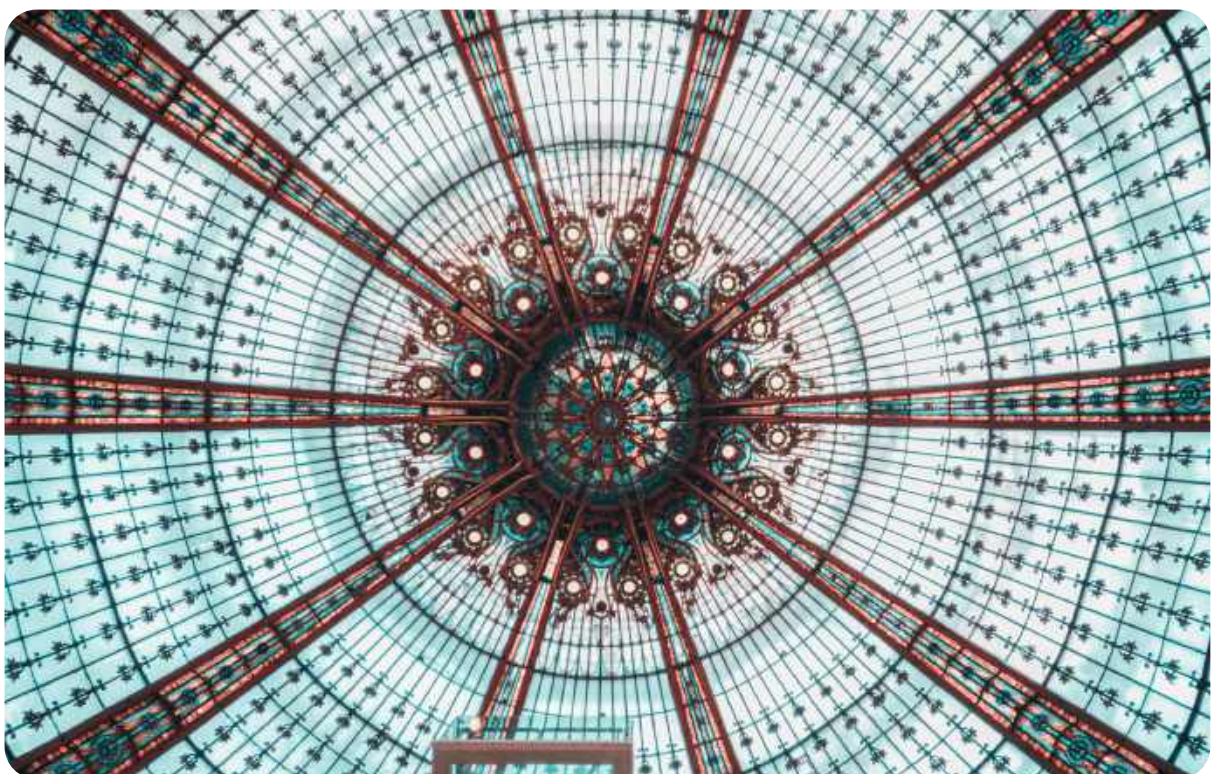
The Bulletin will be published on the website and in the webshop of IOBC-WPRS.

Therefore, compile your manuscripts in the final form as described below. In order to allow good and uniform reproduction, all manuscripts must be submitted in an electronic version in MSWord.



## Instructions for the papers:

1. Paper-format: A4
2. Left and right margins of the text: 2.5 cm  
Upper margin: 3.0 cm  
Lower margin: 2.5 cm  
This results in a printing area of 16 cm x 23.7 cm
3. Line spacing: 1
4. Font: "Times New Roman" or "Times"
5. All titles and subtitles should be flush left. Fonts as printed in the example
6. Font of the abstract: 12 pt
7. Font of the running text: 12 pt (except titles)
8. Font of the title: 16 pt, bold
9. Font of subtitles: 14 pt, bold
10. No hyphenation in the text
11. Justification of the text
12. Make sure that the first lines of all paragraphs (except for the paragraph that follows a title) are indented with a [Tab] command (0.8 cm). Do not use spaces instead of tabs and indents. Do not repeatedly use Standard-Tabstops
13. Scientific names of plants and animals in Italics
14. The authors' names should be typed in the normal font (not in capitals or any other face, not bold) in the text as well as in the "References"
15. Layout as shown in the example
16. Do not number the pages; the page numbering is done when the bulletins are being compiled



## Tables & figures:

1. Incorporate tables and figures into the manuscript. Make sure that they are not linked to a file on your own computer, which makes them disappear in the manuscript when it is sent away

2. Two free lines have to precede and follow each figure or table

3. Make your tables with the [Table]-function. Do not use repeated [Standard]-Tab's or spaces.

Legends should be mentioned above the tables and under the figures.

In the figures and tables the smallest font should be 10 pt. Smaller fonts may become unreadable.

Tables and figures should be centred.

4. To differentiate between parts of a diagram or between curves in a figure, use clearly different colours or shading in different patterns. Make sure that the patterns as well can be clearly discerned from each other. Please avoid in the figures large uniform black or grey areas, fill out the columns in a figure with a pattern or a colour

5. Coloured photographs are welcome, but they shouldn't require too much memory capacity (not more than 1 MB each)

6. The figures, too, should not require too much memory capacity. If they need more than 1 MB, they will often have to be downsized which may be followed by a lack of quality.



## Instructions for abstracts and extended abstracts

Please note: Abstracts of less than one page should be an exception in a bulletin.

For abstracts and extended abstracts (max 2 pages), follow the instructions for manuscripts:

1. Paper-format: A4
2. Left and right margins of the text: 2.5 cm  
Upper margin: 3.0 cm  
Lower margin: 2.5 cm  
This results in a printing area of 16 cm x 23.7 cm
3. Line spacing: 1
4. Font: "Times New Roman" or "Times"
5. Font of the abstract/extended abstract, key words etc.: 12 pt
6. Font of the title: 16 pt, bold
7. Font of subtitles (References, key words, acknowledgements...): 14 pt, bold
8. No hyphenation in the text
9. Justification of the text
10. Make sure that the first lines of all paragraphs (except for the paragraph that follows a title) are indented with a [Tab] command (0.8 cm). Do not use spaces instead of tabs and indents. Do not repeatedly use Standard-Tabstops
11. Scientific names of plants and animals in Italics
12. The authors' names should be typed in the normal font (not in capitals or any other face, not bold) in the text as well as in the "References" (if appearing in the abstract)
13. If references are mentioned in the abstract/extended abstract, they must be listed under "References"
14. Key words should be mentioned, in a distance of 2 lines to the text

### References

For journal abbreviations use the Web of Science list:

[http://images.webofknowledge.com/WOK46/help/WOS/A\\_abrvjt.html](http://images.webofknowledge.com/WOK46/help/WOS/A_abrvjt.html)

If you cite authors in the text, please order them according to the date of publication, first dates first, e.g. (Erwin & Ribeiro, 1996; Kuldau & Yates, 2000; McCracken et al., 2003), or "... Erwin & Ribeiro (1996) and McCracken et al. (2003) have shown..."

The references are written in Times Roman 12 pt with hanging indents by 0.8 cm in the first line. References are listed alphabetically. In the case of several references by the same author, give single-author references first, e.g. Smith (1996) before Smith et al. (1994), but Smith (1993) before Smith (1994). Please follow the examples given below for journal articles, book chapters and entire books and the examples in the bulletin manuscript.

### Acceptation of manuscript

The organizing committee will review the abstracts and notify the authors once the presentation form (oral/poster) has been determined.

### Registration

The presenting author must be a registered participant. Please note that the presenting author is not automatically registered by submitting an abstract. Regular registration is obligatory and binding and implies payment of the registration fee.



## How to get to Torino

Torino lies in the centre of Europe and takes advantage of a well structured connection system by plane, train and car.

### By air

Caselle International Airport ([www.aeroportoditorino.it](http://www.aeroportoditorino.it)), 20 minutes away from the city centre, allows daily connections with the main European cities.

Moreover Malpensa International Airport (<https://www.milanomalpensa-airport.com/en/>), one of the main European hubs connected to more than 120 cities all over the world, is located only 60 minutes' drive from Torino.

### By train

Torino has two main railway stations, Porta Nuova and Porta Susa, both in the city centre. They are connected, also with frequent high speed rail services, to the main destinations in Italy and France, and from there to the rest of Europe.

Lyon can be reached in 2.5 hours, Paris in about 5 hours and Milan in 50 minutes and Rome in about 4.5 hours

More info at [www.trenitalia.com](http://www.trenitalia.com)

### By car

Motorways A6 Torino-Savona, A4 Torino-Milan-Venice, A21 Torino-Piacenza-Bologna, A5 Torino-Aosta, A32 Torino-Bardonecchia connect Torino to most Italian cities, to France, Switzerland, Austria and the rest of Europe.

### Accommodation

Selected hotels located in the city centre can be booked via the conference-dedicated online booking engine available on the Conference website.

## General Info

### Museums

Torino offers a wide choice of museums: from the Egyptian Museum, the most important collection in the world after Cairo, to the Sabauda (Savoyard) picture gallery, from the Cinema Museum, located in the Mole Antonelliana the 167-metre tower symbol of Torino, to the recently renovated Automobile Museum.

Besides its collections of old and modern art, Torino is also an important centre for contemporary art. Museums are usually open from Tuesday to Sunday and closed on Mondays.

### Currency

The Euro is the national currency. Automatic cash dispenser and bank exchanges are plentiful. Most hotels, restaurants and shops accept the usual credit cards.

## Conference chairs

Davide Spadaro

Monica Mezzalama

University of Torino, Grugliasco, Italy



## Convenor

Tomislav Cernava

University of Southampton, Southampton, UK



## Liaison

Marc Bardin

INRAE, Montfavet, France



## Venue

Complesso Aldo Moro - Università degli Studi di Torino

Via Giuseppe Verdi, Torino



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