



IWBLD – 1st International Workshop on Barley Leaf Diseases

www.iwbld.org

Salsomaggiore Terme, Italy, June 3-6, 2014

"Healthy Barley for Healthy Feed and Food for the Future"

The 1st International Workshop on Barley Leaf Diseases (IWBLD) will be held in Salsomaggiore Terme, Italy on 3-6 June 2014. The workshop will provide a forum for the exchange of information and ideas relating to understanding and controlling leaf diseases of barley. The goal of the International Scientific Committee (ISC) is to bring together international experts and young students interested in recent advanced studies in all aspects (theoretical and applied) of barley leaf diseases. **HEALTHY BARLEY** means vigorous growth and development, which ultimately produces superior grain for various end uses.

With this in mind, we cordially invite you to actively participate in and enjoy the 1st IWBLD in Salsomaggiore Terme, Italy.

The 2014 Salsomaggiore Terme event represents the debut of the IWBLD, which replaces the "International Workshop on Barley Leaf Blights" -- last held in Dundee, Scotland in 2011. This name change reflects the ISC's goal to include a wider group of researchers investigating all barley leaf diseases, instead of only leaf blights.

Session topics

- *Epidemiology and disease management: conventional and bio-based products for barley health*
- *Resistance breeding*
- *Pathogen populations and variation*
- *Structural and functional genomics of leaf barley pathogens*
- *Molecular plant-pathogen interactions*
- *Barley diseases and climate changes*

International Scientific Committee

Adrian Newton (JHI, United Kingdom) - Chairman

Brian Steffenson (UMN, USA)

Hugh Wallwork (SARDI, Australia)

Kelly Turkington (LRC, Canada)

Frank Ordon (JKI, Germany)

Marja Jalli (MTT, Finland)

Amor Yahyaoui (CIMMYT, Mexico)

Michael Baum (ICARDA)

Giampiero Valè (CRA, Italy)

Giovanni Vannacci (UNIFI, Italy)

A. Michele Stanca (UNASA-UNIMORE, Italy)

Local Organizing Committee

A. Michele Stanca (UNASA-UNIMORE) - Chairman

Valeria Terzi (CRA) – Co-chairman

Luigi Cattivelli (CRA)

Alessandro Tondelli (CRA)- Secretariat

Technical Assistance (CRA-GPG)

Nadia Faccini, Renzo Alberici, Fabio Reggiani, Marcello Baravelli, Donata Pagani, Marina Baronchelli, Stefano Delbono, Roberta Ghizzoni, Ivana Tagliaferri

Venue

Hotel Valentini, Salsomaggiore Terme (PR)- Sala VERDI

V.le Porro 10, 43039 Salsomaggiore Terme (Parma), Italy

www.hotelvalentini.it

info@hotelvalentini.it

Tel 0039 0524 578251

Registrations open 15 December 2013

Early Bird registration is available until **15 April 2014**.

To register please complete the online registration form or download the .doc file and send it back to the secretariat (alessandro.tondelli@entecra.it; Fax: +390523983750).

Registration Fees

Normal rate: 170 € until 15 April 2014 (rising to 200 € after deadline)

Students: 80 € Students must submit via e-mail an official certificate signed by the director/dean of the school of studies confirming their status.

Includes:

- Entry to all scientific sessions and workshops
- Morning and afternoon coffee breaks
- Welcome reception, visit to field trials in Fiorenzuola and social event (choir concert at the main hall of the Thermae Palace)

Accompanying Persons: 50 €

Includes: Welcome reception, coffee breaks, visit to field trials, social event. Additional tours to visit historical sites in the Verdi's area can be organized on request and are not included in the registration fee.

Registration Cancellation: Kindly note that in case of canceling your registration, your fees will be refunded as follows:

- Until 25 May 2014: 50% of the paid registration fees
- After 25 May 2014: no refund will be reimbursed

Cancellation must be notified in writing to the secretariat (alessandro.tondelli@entecra.it). All refunds will be made after the meeting for administrative reasons.

Accommodation, meals and Conference dinner are not included in the registration fees. Delegates will be required to book their own accommodation (see the Venue/Accommodation section). Conference dinner - 30 €/person - will be paid only by participants not lodged in Valentini and Primarosa Hotels.

Invitation Letter

The secretariat is pleased to send an official invitation letter upon request. It is understood that such an invitation is intended to help potential attendees raise funds or obtain visas. It is not a commitment on the part of the organizer to provide any financial support.

Abstracts

*You are kindly invited to submit an abstract for oral or poster presentation. Participants are invited to register and submit their abstract not later than **15 April 2014**, scientific contributions will be accepted only from registered participants. The Scientific Committee will select the oral contributions and posters based on the submitted abstracts. Authors will be informed of this decision no later than 30 April 2014. Papers on Ramularia and non parasitic leaf spots are welcome.*

Abstract must be sent in a single .doc or .docx file. Abstracts should be written in standard English in MS Word, page size A4 (21 x 29.7 cm), font Times New Roman 12 pt., and single line spacing throughout. The margins should be 2.5 cm. Authors are responsible for the content and layout.

Title (bold)

Author's full name (first name + surname)

Affiliation(s) / Address(es) /e-mail of corresponding author

Abstract: up to 350 words

Specify session topic and preference for: a) oral presentation, b) poster.

To submit an abstract send an e-mail to:

valeria.terzi@entecra.it

alessandro.tondelli@entecra.it

A confirmation message will be sent in response to your e-mail.

Accommodation

Delegates will be required to book their own accommodation. Rooms are available at:

Hotel Valentini (four stars), V. le Porro 10, Salsomaggiore Terme (Parma)

90 EURO per night which includes bed and breakfast, lunch and dinner per room per night for single occupancy; or 80 EURO per night and per person which includes bed and breakfast, lunch and dinner per room for double occupancy.

www.hotelvalentini.it

info@hotelvalentini.it

Tel 0039 0524 578251

Hotel Primarosa (four stars), Via Valentini 12, Salsomaggiore Terme (Parma)

70 EURO bed and breakfast, lunch and dinner per room per night for both single and double occupancy. Hotel Primarosa is a short walk away from Hotel Valentini, less than 100 meters.

www.hotelprimarosa.it

info@hotelprimarosa.it

Tel 0039 0524 575549– Fax 0039 0524 573954

Thermal indoor swimming pool at Hotel Valentini: free

Wellness treatments available on request and early reservation. Bookings can be made by telephone or by email stating that you are attending the International Workshop on Barley Leaf Diseases.

*There are a range of **other hotels** and guest houses; you can find more information on <http://www.portalesalsomaggiore.it>. Participants not lodged at Hotel Valentini and Hotel Primarosa can have lunch at Hotel Valentini, at the price of 24 €.*

Travel

Salsomaggiore is a small town located in the middle of the Po valley in the northern part of Italy, between Bologna and Milan.

How to arrive in Salsomaggiore:

- **by car:** "Autostrada del Sole A1" highway, exit Fidenza (12 km)

- **by train:** Milan - Bologna railway line. In Fidenza (9 km) change, get the shuttle for Salsomaggiore. Info at www.trenitalia.it

- **by plane:** the closest airports are at Parma (32 km), Milan Linate (110 km), Milan Malpensa (162 km), Milan Orio al Serio (148 km) and Bologna (122 km).

For any further information or assistance please contact the organizers.

Program - Preliminary Schedule

Tuesday 3 June 2014

From 12.00 Registration of delegates

14.00 – 14.30 Welcome address and Workshop opening by Adrian Newton, Chairman of IWBLD

14.30 – 15.00 "Lectio Magistralis" – Brian Steffenson: From Robigalia to Ug99

15.00 – 16.30 Session 1: Pathogen populations and variation

16.30 – 17.00 Coffee

17.00 – 19.00 Session 2: Epidemiology and disease management: conventional and bio-based products for barley health

Wednesday 4 June 2014

09.00 – 10.30 Session 3: Structural and functional genomics of leaf barley pathogens

10.30 – 11.00 Coffee

11.00 – 12.30 Session 4: Molecular plant-pathogen interactions

Lunch

14.30 – 16.30 Session 5: Molecular plant-pathogen interactions

16.30 – 17.00 Coffee

17.00 – 19.00 Session 6: Incidence and control of barley leaf diseases in the CWANA region

Evening Choir concert "La Corale di Fiorenzuola" conducted by maestro Cassi at the main hall of the Thermae Palace

Thursday 5 June 2014

09.00 – 10.30 Session 7: Resistance breeding

10.30 – 11.00 Coffee

11.00 – 12.30 Session 8: Resistance breeding

Lunch

14.00 – 15.30 Poster session

16.00 – 18.30 Visit to field trials in Fiorenzuola

Evening Social dinner at the Hotel Valentini

Friday 6 June 2014

09.00 – 10.30 Session 9: Barley diseases and climate changes

10.30 – 11.00 Coffee

11.00 – 13.00 Round Table "from Salsomaggiore to next meeting in 2017" organized by Adrian Newton, Hugh Wallwork and Brian Steffenson

Lunch and departure of delegates

Contact

Valeria Terzi and Alessandro Tondelli

CRA-GPG, Genomics Research Centre, Via San Protaso 302, 29017-Fiorenzuola d'Arda (PC), Italy.

Phone +00390523983758/9, fax +00390523983750

valeria.terzi@entecra.it, alessandro.tondelli@entecra.it

Important dates

- *Start online registration* *15 December 2013*
- *Early bird registration deadline* *15 April 2014*
- *Abstract submission deadline* *15 April 2014*
- *Presentation notification* *30 April 2014*



IWBLD - 1st International Workshop on Barley Leaf Diseases

Salsomaggiore Terme, Italy, June 3-6, 2014

“Healthy Barley for Healthy Feed and Food for the Future”

Attendee

First Name:.....

Family Name:.....

Department:.....

Organization:.....

Postal Address:.....

City:..... Postcode:..... Country:.....

Email:..... Phone:.....

Registration type

- | | | |
|---|---------------------------|--------------------------|
| Normal rate: | 170 € until 15 April 2014 | <input type="checkbox"/> |
| | 200 € from 15 April 2014 | <input type="checkbox"/> |
| Students (official certificate required): | 80 € | <input type="checkbox"/> |
| Accompanying Person: | 50 € | <input type="checkbox"/> |

Payment details

Payments (in Euro) must be done via bank transfer to:

Bank name CARIPARMA - Cassa di Risparmio di Parma e Piacenza, Fiorenzuola d'Arda

Beneficiary IWBLD organizing committee

IBAN Code IT68P0623065310000030799474

BIC/SWIFT Code CRPPIT2P020

Causal: Please write “Registration to IWBLD” followed by your **Full Name**

Please return the present form to alessandro.tondelli@entecra.it or by Fax (+39 0523983750) along with a receipt of your bank transfer. Registrations will be confirmed after payment is received.

Accommodation and Conference dinner are not included in the registration fees.

As for the treatment of the participants' personal data according to the Italian Law 196/2003, all the data provided will be treated for the sole purposes related to the services required.

Tuesday 3 June 2014

From 12.00 Registration of delegates

14.00 – 14.30 Welcome address and Workshop opening by Adrian Newton, Chairman of IWBLD

14.30 – 15.10 “Lectio Magistralis” – Brian Steffenson: From Robigalia to Ug99

15.10 – 17.10 Session 1 : Pathogen populations and variation

maculata populations on the Canadian Prairies

15.30-15.50 Ryan Fowler: Pathotypic variation of the *Pyrenophora teres* f. *teres* population in Australia

15.50-16.10 Celeste Linde: Effect of a weedy host on pathogen evolution

16.10-16.30 Leona Leisova Svobodova: Population study of *Pyrenophora teres*

16.30-16.50 Mark S. McLean: A new international differential set for testing *Pyrenophora teres* f. *maculata* differential set to assess virulence and pathotype of *Bipolaris sorokiniana* isolates

17.10 – 17.40 Coffee break and poster viewing

products for barley health

barley leaf disease severity and productivity

New Zealand 1899 to 2014

cultivation on rhynchosporium symptoms

necrotrophic pathogens

Wednesday 4 June 2014

09.00 – 10.30 Session 3 : Structural and functional genomics of leaf barley pathogens

09.00-09.30 Pietro Spanu: The genomics of *Blumeria graminis* f.sp. *hordei*

09.30-09.50 Wolfgang Knogge: Host specialization in the fungal genus *Rhynchosporium*

09.50-10.10 Anna Avrova: *Rhynchosporium commune* effectors identification and exploitation genetic diversity study and using DArT markers in mapping of hybrid population

10.30 – 11.00 Coffee break and poster viewing

11.00 – 12.50 Session 4 : Molecular plant-pathogen interactions

genes

multiple independent interactions with the barley 6H chromosome region

barley by *Rhynchosporium commune*

12.10-12.30 Chiara Biselli: Characterization and discovery of barley leaf stripe resistance genes application to plant leaf tissues

13.00 - 14.30 Lunch

14.30 – 16.10 Session 5 : Incidence and control of barley leaf diseases in the CWANA region

14.30-14.50 Aziz Karakaya: Current status of scald and net blotch diseases of barley in Turkey

14.50-15.10 Fatiha Bentata: Emergence and importance of *Rhynchosporium secalis* in Morocco resistance in India

enhancement at ICARDA

Morocco and Syria

16.10 – 16.40 *Coffee break and poster viewing*

16.40 – 18.00 Session 6: Durable resistance in Barley

16.40-17.00 Hugh Wallwork: Towards durable resistance to scald in barley

17.00-17.20 Marja Jalli: Achievements and challenges in breeding for durable net blotch resistance Barley

17.40-18.00 Sanjiv Gupta: Barley Disease Resistance in Western Australia - Issues and Solutions

the Thermae Palace

Thursday 5 June 2014

09.00 – 13.00 Session 7: *Resistance breeding: the case of Pyrenophora teres and Puccinia hordei*

blotch (*Pyrenophora teres* f. *teres*) in barley

with resistance to *Pyrenophora teres* f. *teres* and *Cochliobolus sativus* in two double haploid barley populations

line UVC8 - [a communication also in session 3](#)

blotch resistance located on barley chromosomes 6H and 3H in CI5791 and Tifang, respectively - [a communication also in session 4](#)

10.30 – 11.00 *Coffee break and poster viewing*

quality of winter barley

necrotrophic effectors?

[communication also in session 1](#)

12.00-12.20 Robert F. Park: Adult plant resistance to leaf rust in barley: the story so far

12.20-12.40 Peter Dracatos: Novel Additive Adult Plant Resistance Sources to Leaf Rust in Barley breeding germplasm

13.00 - 14.30 *Lunch*

14.30 – 15.10 Session 8: *Resistance breeding*

approach to disease control

14.50-15.10 Lee Hickey: Validation of Rapid Gene Transfer Methodology in Barley

15.30 – 18.30 *Visit to field trials in Fiorenzuola*

Evening *Social dinner at the Hotel Valentini*

Friday 6 June 2014

09.00 – 10.30 Session 9: *Barley diseases and climate changes*

blotch disease in barley

western Tunisia

09.40-10.00 Hajer Ben Ghanem: Agro-Meteorological Evolution of Barley Leaf Diseases in Tunisia

10.00-10.20 Robert Mihaly: Occurrence of toxin-producing fungi in barley and other small grain cereals

10.30 – 11.00 *Coffee break and poster viewing*

Hugh Wallwork and Brian Steffenson

12.30 *Lunch and departure of delegates*