

An event by



4TH INTERNATIONAL WHEAT CONGRESS



Patrons



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



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PRE CONFERENCE WORKSHOPS

BOLOGNA - ITALY

Sunday, May 24, 2026

Bologna Congress Center,
Piazza della Costituzione, 4

Conference Chair

Roberto Tuberosa

Professor Emeritus Alma Mater Studiorum
Università di Bologna

International Organising Committee
Chair

Rajeev Varshney

Murdoch University, Australia

WHEAT PATHOGENS SYMPOSIUM

ROOM 9

09:00 - 18:00



Avenue media®
Conference & Expo



WIC 4TH INTERNATIONAL
WHEAT CONGRESS

BOLOGNA, ITALY - MAY 25-29, 2026

Pre-conference Workshops
Sunday, 24 May 2026

WHEAT PATHOGENS SYMPOSIUM

Organized by the Wheat Initiative Pathogens EWG

Room 9

Chairs: Kar Chur Tan (Curtin University, Australia)

First part: 09:00 - 12:30

Wheat/rye powdery mildew pangenome reveals drivers of genome diversity

Beat Keller - *University of Zurich, Switzerland*

Dual recognition of structurally unrelated mildew effectors underlies the broad-spectrum resistance of *Pm3e* in wheat

Marion Müller - *University of Zurich, Switzerland*

A biGWAS strategy reveals the genetic architecture of the interaction between wheat and *Blumeria graminis* f. sp. *tritici*

Fei He - *Chinese Academy of Sciences, China*

TBD

Nichola Hawkins - *NIAB, UK*



IWC 4TH INTERNATIONAL
WHEAT CONGRESS

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Second part: 13:30 – 18:00

Asymmetric priority effects between co-infecting wheat pathogens undermine single-pathogen resistance.

Kar-Chun Tan - *Curtin University, Australia*

A novel necrotrophic effector-receptor interaction in *Parastagonospora nodorum*-wheat pathosystem

Huyen Phan - *Curtin University, Australia.*

Climate change alters the landscape of wheat fungal diseases and breeding in China

Caixia Lan - *Huazhong Agricultural University, China*

Discovery of Host Susceptibility Factors for Enhancing Fusarium Head Blight Resistance in Wheat

Nidhi Rawat - *University of Maryland, USA*

Discovery and cloning of novel rust resistance genes from diverse wheat gene Pools

Upinder Gill - *North Dakota State University, USA*