

I W G S C



International Wheat Genome
Sequencing Consortium

IWGSC Webinar Series: Introduction

13 March 2025

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The International Wheat Genome Sequencing Consortium



IWGSC Sponsors



Enhance breeding through an increased understanding of the molecular basis of traits and their allelic diversity



IWGSC Wheat Diversity Project

Preserve, discover, and mobilize genetic resources by sequencing landrace genomes that encompass the worldwide diversity of bread wheat.

- Platinum assemblies for 12 bread wheat landrace accessions and Chinese Spring (CS)
- Transcriptome data, gene annotations & update of CS RefSeq annotation
- Practical Haplotype Graph (PHG) to catalog all genetic diversity within bread wheat



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Next Webinar: 15 May 2025

▶ **Breeding: Why we need to start all over again**

▶ **Presenter: Simon Griffiths, John Innes Center**

▶ **15 May 2025 @11 am EDT**

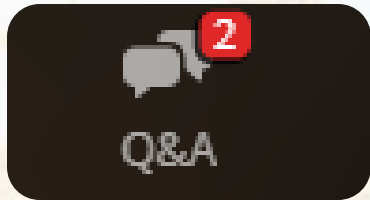
▶ **Registration:**

https://us06web.zoom.us/webinar/register/WN_Enb5I_vVT72daSLIhdYEXQ



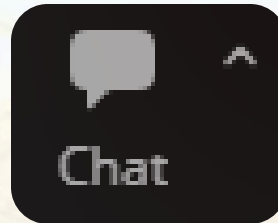
Webinar Dashboard

- The webinar is recorded and will be posted on the IWGSC YouTube channel later today <https://www.youtube.com/c/internationalwheatgenomesequencingconsortium>
- The presentation section will be followed by a Q&A



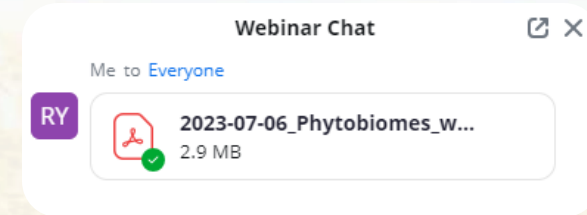
Questions

Submit your questions in the Q&A panel



Chat

Use the chat panel to see messages from the organizers



Handouts

Download PDFs of the slides presented from the chat panel

- Register to the mailing list <https://www.wheatgenome.org/register2/iwgsc-newsletter-data-access-sign-up>



- ▶ **Proteomic insights into protein biomarkers for root trait improvement in bread wheat**
- ▶ **Presenter: Tanushree Halder**
Associate Professor, Sher-e-Bangla Agricultural University, Bangladesh
Honorary Research Fellow, UWA Institute of Agriculture, The University of Western Australia, Australia



Thank you for your participation!

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