

I W G S C



International Wheat Genome  
Sequencing Consortium

# IWGSC Webinar Series: Introduction

17 October 2024

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# The International Wheat Genome Sequencing Consortium

COUNTRIES

78



MEMBERS

3,500



SPONSORS

7



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964



# 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



A project supported by the National Science Foundation under grant #2322957, the European Research Council ERC (project 3Dwheat #101044399), INRAE Plant Biology and Breeding department, and the International Wheat Genome Sequencing Consortium

# Upcoming Webinar

- ▶ 4 December 2024, 11:00am EST
- ▶ Using Applied Quantitative Genetics to Uncover the Potential of Diversity-Enriched Wheat
- ▶ Presenter: Tally Wright, NIAB, UK
- ▶ Registration:  
[https://us06web.zoom.us/webinar/register/WN\\_2FcdwYZRRCGVv4M\\_X2naQA](https://us06web.zoom.us/webinar/register/WN_2FcdwYZRRCGVv4M_X2naQA)



# Upcoming Workshops

► **Plant and Animal Genome Conference, San Diego, CA, USA | 10-15 January 2025**



- Saturday 11 January, 8:00-10:10am

## **IWGSC Main Workshop**

- Saturday 11 January, 6:20-8:30pm

## **IWGSC 20<sup>th</sup> anniversary celebration**

- Tuesday 14 January, 1:30-3:40pm

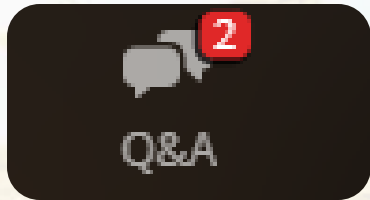
## **IWGSC From Structural to Functional Wheat Genomics Workshop**

- Programs will soon be posted on IWGSC website



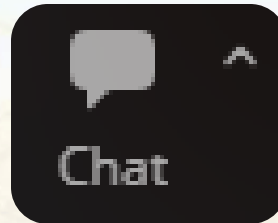
# Webinar Dashboard

- 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



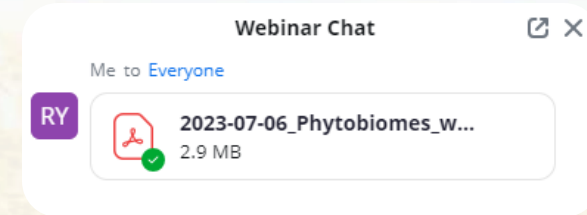
## Questions

*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>





- ▶ **Comparative wheat phosphoproteome profiling pinpoints high temperature-associated breeding markers**
- ▶ Presenter: Ive De Smet  
VIB-UGent Center for Plant Systems Biology  
Belgium





# Thank you for your participation!

[www.wheatgenome.org](http://www.wheatgenome.org)



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