



# International Wheat Genome Sequencing Consortium

**Rudi Appels**

IWGSC Board member

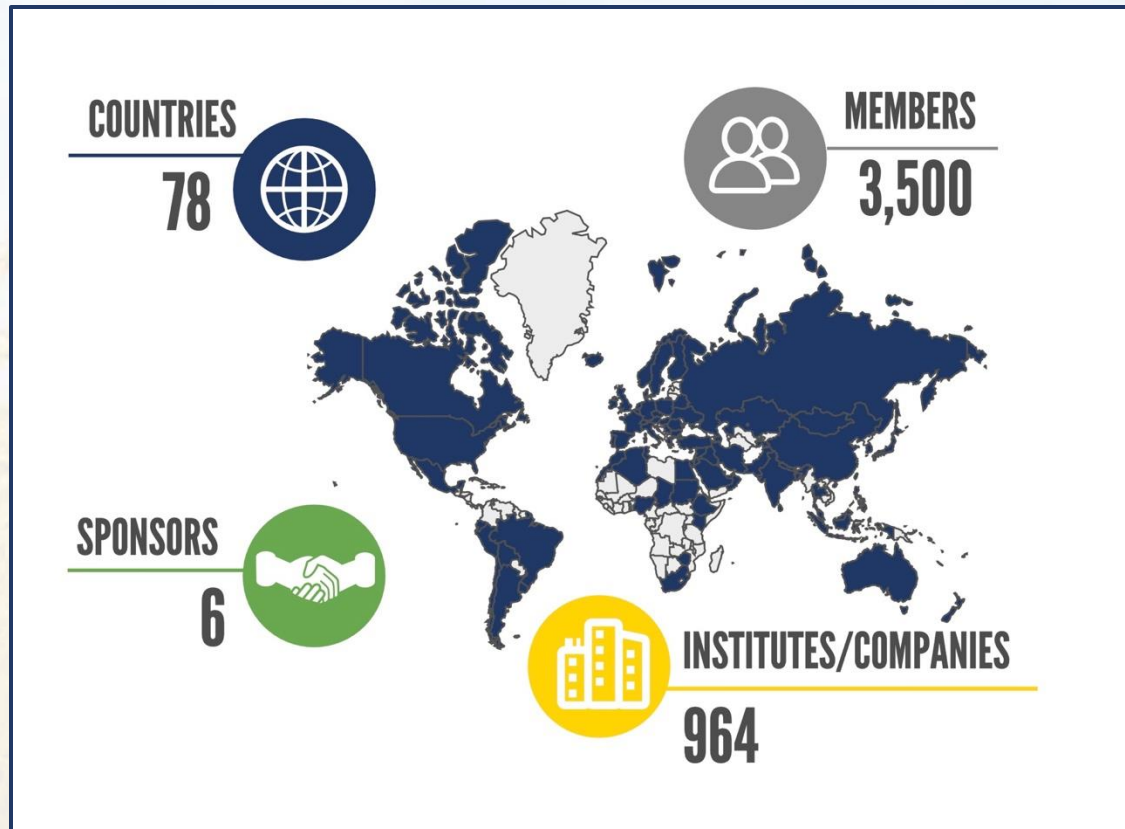
Honorary positions in University of Melbourne and AgriBio in Victoria, Australia

Contributor to Australia Biocommons

11 January 2025



# The International Wheat genome Sequencing Consortium



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



international-wheat-genome-sequencing-consortium



@wheatgenome



@wheatgenome.bsky.social

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



I W G S C

**TODAY!**  
**6:45PM in**  
**Palm 5-6**

# LET'S CELEBRATE!

Let's celebrate the remarkable achievements we've made together – delivering the bread wheat genome reference sequence to the global wheat community and transforming the landscape of wheat research!



AN EVENT MADE POSSIBLE THANKS TO THE GENEROUS SPONSORSHIP OF

**BASF**  
We create chemistry



Rudi  
Appels

Eversole Associates  
Enabling Science & Technology

# Workshop Speakers and topics

<b>Delfi Dorussen</b> John Innes Centre	Does Transcriptional Compensation Facilitate Functional Redundancy in Wheat?
<b>Gurminder Singh</b> North Dakota State University	Genomic and Functional Characterization of an Exo70-like Gene Governing Susceptibility to Tan Spot in Wheat
<b>Rakesh Kumar</b> University of California, Berkeley	Assessment of the RUBY Gene As a Visual Marker to Screen CRISPR-Cas9 Mutants
<b>Laura Mathieu</b> INRAE	Plant-Plant Interactions Modulate Wheat Severity to Septoria tritici Blotch in Some Specific Mixtures through Intergenomic Epistatic Interactions and Transcriptomic-Metabolomic Changes
<b>Sarah Raffan</b> Salk Institute for Biological Studies	Developing a snRNA-Seq Atlas for Suberin Accumulation in Wheat Root Systems
<b>Simon Griffiths</b> John Innes Centre	Genomics of the AE Watkins Wheat Landrace Collection



# IWGSC-Feuillet Early Career Award

**Delfi Dorussen, John Innes Centre, UK**

