

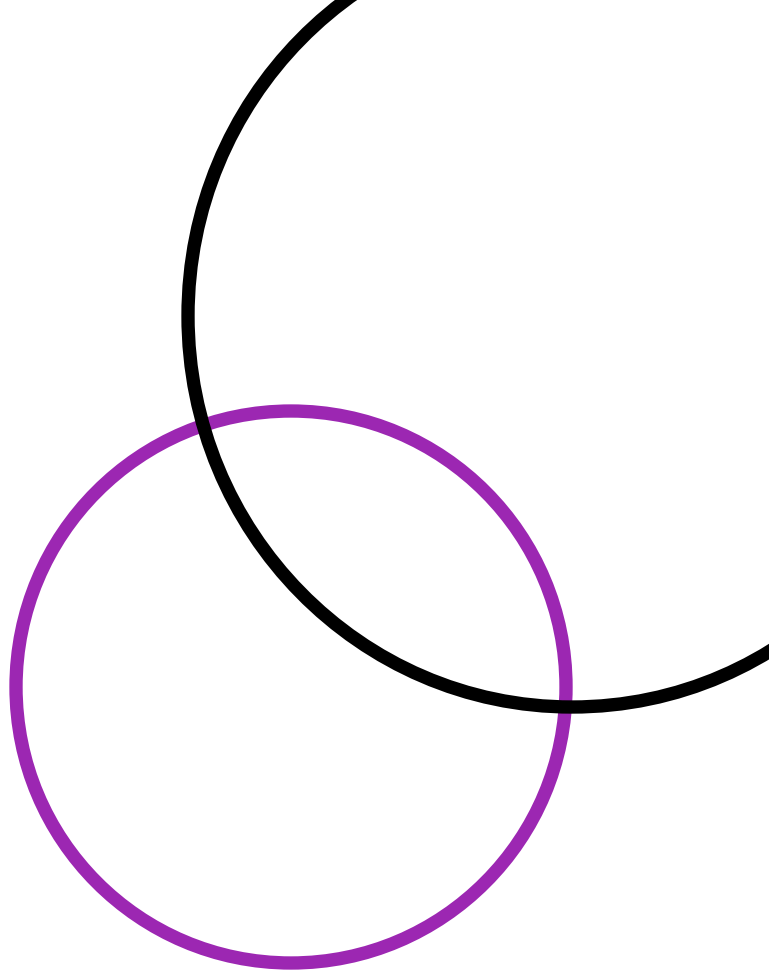


# Welcome to the course!

Fungal Pathogen Genomics

Virtual course

Martin Aslett, Karon Chappell, Monica Abrudan  
Wellcome Connecting Science team



# Wellcome Connecting Science

Our mission is to enable everyone to explore the impact of genomics on research, health and society.



Engagement and Society



Learning and Training

Short genomics and  
bioinformatics courses



Long courses in  
geographically  
distributed classrooms

Massive Open  
Online Courses  
(MOOC)



# Genomics Training and Global Capacity



Train the trainer  
initiatives for  
professional skills and  
capacity development

Support for training and  
curriculum development



'Your Digital  
Mentor' podcast



Communities of  
practice



@eventsWCS



# Fungal Pathogen Genomics (Virtual)


**2–6 June 2025**

Virtual Course

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**Hands-on training in web-based data-mining resources for fungal genomes**

# timetable

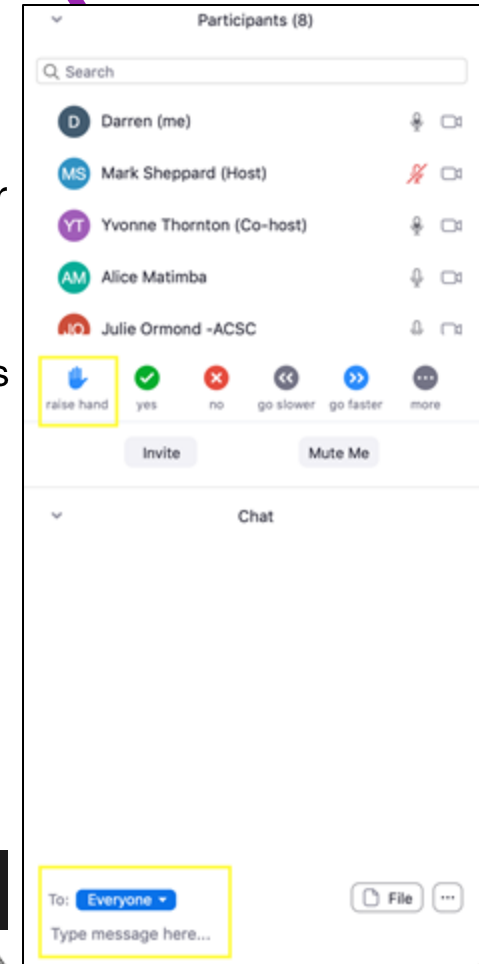
		Fungal Pathogen Genomics (2-6 June 2025)					
Time (BST)	Friday 30 May	Monday 2 June	Tuesday 3 June	Wednesday 4 June	Thursday 5 June	Friday 6 June	Time (BST)
13:00 - 13:30	Introductions	Informal meet & greet (icebreaker)	Q & A session	Q & A session	Q & A session	Q & A session	13:00 - 13:30
13:30 - 15:45		5 Minute Database Intros Database Queries	Enrichment Analysis	Comparative Genomics & Orthology Orthology & Synteny Intro	My WorkSpace in FungiDB Exploring Gene Models	Group Projects	13:30 - 15:45
15:45 - 16:00		Coffee/Tea break	Coffee/Tea break	Coffee/Tea break	Coffee/Tea break	Coffee/Tea break	15:45 - 16:00
16:00 - 18:00		Transcriptomics & Proteomics	Research Seminar - Jason Stajich SNPs & CNVs	Metabolic Pathways & Secondary Metabolites Introduction to Group Projects	Group Projects	Presentations	16:00 - 18:00
18:00 - 18:30		Q & A session	Q & A session	Q & A session	Q & A session	Closing Remarks	18:00 - 18:30

# platforms and course materials

- Zoom
- LMS
  - Pre-course modules
  - Timetable
  - Course material
  - Supplementary material
  - Forum for Questions
  - Announcements
- GitHub
  - Practical sessions
  - Presentation Slides

# Zoom

- Please rename yourself, if required, so your name and country are in your name - e.g. Martin Aslett, UK
- Lectures will be recorded unless otherwise noted
- Breakout Rooms will be used for practical sessions, group work sessions and daily Q&A sessions
- **Mute** your Microphone when not talking, and routinely for presentations.
- Use **Video** for interactive sessions (if internet connection is stable)
- Comments can be posted via **Chat** function (LMS for questions).
- Live questions: use the raise hand function under the **Participants** tab.
- **Share Screen** function for troubleshooting during practicals



# course materials - LMS

The screenshot displays the Moodle LMS interface. On the left is a sidebar menu with the following items: 'Course home' (home icon), 'Course Homepage' (highlighted with a yellow background), 'Announcements', 'Questions and comments', 'Course Timetable', 'Moodle App', 'LMS Help Page', 'Introduce Yourself', 'Useful links (databases)' (expanded), 'Mycocosm', 'FungiDB', 'CGD', 'SGD', 'Fungal Genomics' (with a magnifying glass icon), 'Pre-workshop materials &...' (expanded), 'Create a FungiDB account (f...', and 'Introduction to FungiDB'. The main content area features a header for '2025 Fungal Pathogen Genomics (Virtual)' with a yellow and grey background and a starry pattern. Below the header is a navigation bar with tabs: 'Course' (selected), 'Information', 'Settings', 'Participants', 'Grades', and 'More'. Under the 'Course' tab, there are sub-tabs: 'Course Homepage' (selected), 'Useful links (databases)', 'Pre-workshop materials & assignments', and 'Workshop materials'. The 'Course Homepage' sub-tab shows a section for 'Homework assignments' and a 'Course Homepage' heading. Below this, there are two sections: 'Announcements' and 'Questions and comments'. The 'Questions and comments' section includes a text box for adding questions or comments, with instructions: 'Here you may add questions or comments related to any facet of the course which you would like to share with the group and for us to follow up on. Please add a new topic for each question or comment you have. Enter your question/comment as the title in the subject field and then type your full question/comment in the message field.'

Moodle Learning  
Management System  
(WCS LMS)




Download the Moodle  
app on your phone



# course materials - GitHub

[https://github.com/WCSCourses/Fungal\\_Pathogen\\_Genomics\\_2025](https://github.com/WCSCourses/Fungal_Pathogen_Genomics_2025)

 **Fungal\_Pathogen\_Genomics\_2025** Public

Edit Pins Watch 0 Fork 0 Star 1

forked from [WCSCourses/Fungal\\_Pathogen\\_Genomics](#)


main 1 Branch 0 Tags




Add file

Code

This branch is **3 commits ahead of, 1 commit behind** [WCSCourses/Fungal\\_Pathogen\\_Genomics:main](#).

Contribute Sync fork

 **WellcomeConnectingScienceAdmin** Add files via upload dd920fc · 4 months ago 44 Commits

 Template_Course_Repo	Add files via upload	4 months ago
 course_data_2025	Add files via upload	4 months ago
 course_information_2024	Adding and Renaming Files	4 months ago

## About

Hands-on training in web-based data-mining resources for fungal genomes

[coursesandconferences.wellcomecon.](#)

fungus-pathogen

Readme View license Activity Custom properties 1 star

**BRACE YOURSELVES!**

**CODE OF CONDUCT AND BEHAVIOR  
EXPECTATIONS ARE COMING!**

# code of conduct

- Treat each other and all staff considerately
- Be punctual for live sessions - check the daily schedule
- Questions are welcome and often benefit the whole group, do not be shy!  
Remember to challenge respectfully, though.
- Participate and engage
- Please mute yourself on zoom when not speaking
- Please keep your camera on during sessions if bandwidth allows
- Please rename yourself on zoom with your country name
  - E.g. Thor Odinson, Norway

# questions?



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# training team



**Evelina Basenko,  
University of  
Liverpool (FungiDB)**



**David Roos,  
University of  
Pennsylvania  
(FungiDB)**



**Manuel Carbajo  
Martinez, EMBL-EBI  
(Ensembl)**



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# training team



**Jodi Lew-Smith,  
Stanford University  
(SGD/CGD)**



**Kathryn Crouch,  
University of  
Glasgow  
(FungiDB)**



**Stuart Brown,  
University of  
Pennsylvania  
(FungiDB)**



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# training team



**Richard Hayes,  
US DOE Joint Genome  
Institute  
(MycoCosm)**



**Jorge Batista  
da Rocha,  
EMBL-EBI  
(Ensembl)**



**Aleena Mushtaq,  
EMBL-EBI  
(Ensembl)**



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# support staff



Karon Chappell  
Event Organiser



Monica Abrudan  
Education Developer



Martin Aslett  
Informatics Manager

**Fungal Pathogen Genomics - Virtual Course**

