Magnafest 2026

9-9:15 introduction by Miriam Oses-Ruiz and Frank Menke

9:20- 9:45 Juan Carlos De la Conception
Dissecting appressorium-mediated plant infection by FIB-SEM Volumetric EM and Cryogenic Electron Tomography

9:45- 10:10 Florencia Casanova
Tracing host-specificity in *Magnaporthe oryzae pathotype Triticum:* Functional genomics of lineage-specific genes

10:10-10:35 Aidan McVey
Epigenetic regulation of *Starship* activity in *Pyricularia oryzae*

10:35-11:00 Coffee break

11:00-11:25 Richard Wilson
An elusive cytoplasmic effector secretion motif embedded in mRNA translational speed control instructions

11:25-11:50 Rachel Taylor
Investigating the role of the Nuclear Dbf2-related (NDR) kinase Cot1 in polarized growth and infection-related development in the blast fungus *Magnaporthe oryzae*

11:50-12:15 Lenny Bonadei
CrispR/Cas9 mediated co-editing strategy in genetically recalcitrant fungi

12:15-13:15 Lunch break

13:15-13:40 Mark Jave Bautista
Comparative phosphoproteomics identifies a novel group of Pmk1-regulated effectors deployed by the rice blast fungus *Magnaporthe oryzae* during plant infection

13:40 -14:05 Euan Cawston
Pmk1-driven signal integration and developmental control in the rice blast fungus *Magnaporthe oryzae*

14:05 -14:30 Fabio Dos-Santos Barbosa
Determining the Sln1-mediated turgor sensing pathway and phospho-histidine landscape in the blast fungus *Magnaporthe oryzae*

14:30-15:00 Coffee break

15:00 -15:25 Nick Talbot
Molecular mimicry of the virulence target of the Pwl2 effector by a plant immune receptor

15:25 -15:50 Yvonne Scamarcia
New tools to tweak the appressorial *Mo*TOR

15:50-16:15 Neha Sahu
MagnaGenes (v2.0): A comprehensive multi-omics analysis platform for *Magnaporthe oryzae*

16:15-16:45 Magnaporthe community discussion on resource and Magnafest future