

Full time PhD Position
**Investigating the molecular mechanisms associated cell cycle- mediated
development in *Magnaporthe oryzae***

STARTING DATE: September- October 2024

LOCATION: Public University of Navarre (UPNA), Pamplona (Navarra, Spain)

DURATION: 4 years

PRE-SELECTION DEADLINE: 20th May 2024

About the Project: Appressorium development is tightly controlled by the mitotic cell cycle. A series of phosphorylation events regulate appressorium development and cell cycle progression. In our lab, we have defined the phosphorylation landscape associated to cell cycle control during appressorium development in *Magnaporthe oryzae*. The aim of the project will be to identify key players in cell cycle-mediated development associated with infection. We will use a combination of different experimental approaches in genetics, cell biology, transcriptomics and proteomics.

About the Candidate:

- International and National candidates with a Master's degree in Biotechnology, Molecular Biology, Plant pathology or similar
- Motivated, organised and with a certain degree of work autonomy
- Ability and willingness to work as part of a team
- Knowledge of basic molecular laboratory techniques (cloning, PCR, etc.).
- Excellent oral/written communication in English is required

Pre-selection documentation:

- CV with education, laboratory experience, list of publications, awards
- Two academic references

Interested applicants should send documentation to:

- Dr. Miriam Oses Ruiz: miriam.oses@unavarra.es
- Email Subject: PhD application- Cell cycle

Formal application:

Pre-selected applicants will be directed towards the official application process during the coming weeks.