

## **Publications and Presentations**



## Publications

1. Akhil Thaker, **Khyati Mehta**, Rajesh Patkar (2022). Feruloyl esterase Fae1 is required specifically for host colonisation by the rice-blast fungus *Magnaporthe oryzae*. *Current Genetics*, 68(1):97-113. doi: <https://doi.org/10.1007/s00294-021-01213-z>
2. **Khyati Mehta**, Jorge C. Navarro-Muñoz, Sayali Bakore, Jérôme Collemare, Rajesh Patkar (2023). Association of secondary metabolite gene clusters with host specialization in the cereal blast fungus *Pyricularia oryzae*. *bioRxiv* 2023.09.07.556384.  
doi: <https://doi.org/10.1101/2023.09.07.556384>

## Oral Presentations

- **Khyati Mehta\***, Jorge C. Navarro-Muñoz, Jérôme Collemare and Rajesh Patkar (2022). “Exploring biosynthetic diversity in different host-specific lineages of blast fungus” at Westerdijk Fungal Biodiversity Institute, Utrecht, The Netherlands. (\* Presenter)
- **Khyati Mehta\***, Rajesh Patkar and Johannes Manjrekar (2020). “Genome mining to explore the genetic diversity in biosynthetic gene clusters in host-specific *Magnaporthe oryzae* strains”, in V. V. Modi symposium 2020 held at Department of Microbiology and Biotechnology Centre, The Maharaja Sayajirao University of Baroda, Vadodara, India. (\* Presenter)
- **Khyati Mehta\***, Rajesh Patkar and Johannes Manjrekar (2019). “Genetic diversity in the secondary metabolite gene clusters and host adaptability in the cereal blast fungal isolates”, in the 8th International Rice Blast Conference held in Chengdu, China. (\* Presenter)
- **Khyati Mehta\***, Rajesh Patkar and Johannes Manjrekar (2018). “Comparative Genome Analyses of *Magnaporthe* Isolates from Rice and Non-Rice Hosts” in Science Excellence 2018 organized by Department of Botany, Bioinformatics & Climate Change Impacts Management, Gujarat University, Ahmedabad, India (\* Presenter)

## Poster Presentation

- **Khyati Mehta\***, Jorge C. Navarro-Muñoz, Jérôme Collemare and Rajesh Patkar (2022). “Diverse secondary metabolism gene clusters of cereal blast fungus associated with specialization of host plants”, in Rise of the Fungi Westerdijk Institute Spring symposium held in The Netherlands. (\* Presenter)
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## Awards

- **EMBO-Scientific Exchange Grant** by European Molecular Biology Organization, Heidelberg, Germany for research visit at Fungal Natural Products Group, Westerdijk Fungal Biodiversity Institute, Utrecht, The Netherlands. March-June, 2022.
- **IRBC-08 Travel Grants Award** sponsored by 8th International Rice Blast Conference held at Chengdu, China, May 27-31, 2019.