

## Scientific Presentation for Expert Audience

**Title:** Facultative mycorrhization in ferns is related to light incidence and soil characteristics

**Simplified Title (non-expert audience):** Fungi-ferns relationships depend on light and nutrients

**Audience:** Expert scientific audience — researchers and specialists in mycorrhizal ecology and plant biology

**Reference:** International Molecular Mycorrhiza Meeting 2023 (Cambridge, UK)

With this presentation I summarized a study on how light and nutrient availability influence fern–fungus relationships. By distilling a complex greenhouse experiment into a focused scientific argument, I demonstrated skills in data synthesis, structured visual communication, and tone and language adaptation for an expert audience. The results were later published in *BMC Plant Biology* (2023).



ETH Zurich  
life science zürich  
PhD program in Ecology

Schweizerischer Nationalfonds

IMMMS 2023 Conference

**Facultative mycorrhization  
in ferns is related to light  
incidence and soil  
characteristics**

**Thais Guillen Otero**  
Kessler Group-Ecology of plant communities  
Department of Systematic and Evolutionary Botany  
University of Zurich

Cambridge  
2023

To explore the full presentation, click [here](#). For the published peer-reviewed article, click [here](#).