



UNIVERSITÄT **BONN**

Die Pflanzenwissenschaftlichen  
Institute

# Einladung zum Pflanzenwissenschaftlichen Kolloquium

**Freitag, den 11. April 2025, 12 c.t.**

Nussallee 9, Hörsaal X

**Referent: PhD Hirofumi Nakagami**

*Plant Breeding Research, Max Planck Institut Köln*

**Thema: „Evolution of pattern-triggered immune signaling pathways“**

Cell-surface-localized pattern-recognition receptors (PRRs) recognizing microbe-derived or plant-endogenous molecules play central roles in various plant-microbe interactions. PRR-triggered immunity (PTI) wards off a wide range of pathogenic microbes, playing a pivotal role in angiosperms. However, the existence or significance of PTI in non-flowering plants including bryophytes remains largely unclear. My group has been establishing the liverwort *Marchantia polymorpha* as a plant model for studying evolutionary molecular plant-microbe interactions (EVO-MPMI). In this talk, I will introduce our findings on PTI-related pathways in *Marchantia polymorpha*.

**Diskussionsleitung:** Prof. Dr. Armin Djamei, INRES – Pflanzenpathologie, Universität Bonn

Zu diesem Vortrag und zu einer evtl. Nachsitzung sind Sie herzlich eingeladen