



7th International Symposium on Plant Apoplastic Diffusion Barriers (PADiBa)

August 31st – September 3rd 2026

University of Lausanne (UNIL), [Synathlon Auditorium 1216](#)

PRELIMINARY PROGRAM

Monday August 31st

15:30 | Registration/Poster set up

16:30 | **Welcome/Keynote: Christiane Nawrath** – University of Lausanne, Switzerland

Session 1: Evolution of diffusion barriers

17:00 | **Tom Beeckman** – VIB Ghent, Belgium

Evidence for the independent origin of the endodermis in lycophyte roots: reconciling evidence from genes, anatomy and fossils

17:35/17:50 | 2 Selected Talks

18:05/18:10 | 2 Selected Flash talks/Poster announcements

18:15 | Welcome Reception with apero

Tuesday September 1st

Session 2: Development of epidermal barriers

9:00 | **Yuree Lee** – Seoul National University, South Korea

Epidermal Plasticity in Plants: From Fate Determination to Environmental Adaptation

9:35/9:50 | 2 Selected Talks

10:05/10:10 | 2 Selected Flash talks/Poster announcements

10:15 | Coffee break

Session 3: Formation of diffusion barriers

10:45 | **Robertas Ursache** – CRAG, Barcelona, Spain

From hidden enzymes to plant barriers: uncovering the role of GELPs

11:20/11:35 | 2 Selected Talks

11:50/11:55 | 2 Selected Flash talks/Poster announcements

12:00 | Lunch

Session 4: Specialized functions of hydrophobic polymers

13:30 | **Aurélia Emonet** – University of Bern, Switzerland

Cell Fate Meets Lignin Patterning: An Explosive Combination

14:05 | **Takehiro Kamiya** – University of Tokyo, Japan

Apoplastic Barriers in Aerial Tissues

14:40 | Coffee break

Session 5: Regulation of diffusion barrier formation

15:10 | **Charlotte Miller** – Salk Institute, CA, USA

WRKY47 regulates periderm development under stress

15:45/16:00 | 2 Selected Talks

16:15/16:20 | 2 Selected Flash talks/Poster announcements

16:25 | Poster Session

18:30 | Dinner on Campus

Wednesday September 2nd

Session 6: Role of diffusion barriers in biotic interactions

9:00 | **Macarena Marín** – University of Lausanne, Switzerland

Spatiotemporal regulation of suberization in legume nodules

9:35/9:50 | 2 Selected Talks

10:05/10:10 | 2 Selected Flash talks/Poster announcements

10:15 | Coffee break

Session 7: Role of diffusion barriers in abiotic stresses

10:45 | **Shiyou Lü** – Hubei University, Wuhan, China
Genetic Basis and Eco-Physiological Functions of Site-Specific Enrichment of Branched-Chain Wax Constituents at the Stomatal Pore

11:20/11:35 | 2 Selected Talks

11:50/11:55 | 2 Selected Flash talks/Poster announcements

12:00 | Lunch

Session 8: Beyond apolpastic barriers

13:30 | **Joris Sprakel** – Wageningen University, Netherlands
Touch perception and its evolution through an engineer's lens

14:05 | Announcements

14:10 | Excursion with GALA Dinner

Thursday September 3rd

Session 9: Protective barriers in pollen and seeds

9:30 | **Julian Morger** – University of Exeter, United Kingdom
Shedding New Light on Plant Diffusion Barriers with Nonlinear Optical Imaging and Spectroscopy

10:05/10:20 | 2 Selected Talks

10:35/10:40 | 2 Selected Flash talks/Poster announcements

10:45 | Poster Session and Coffee break

12:00 | Prizes, announces, closing remarks