PhD Position in Molecular Plant Sciences/Plant-Microbe Interactions
Department of Plant Molecular Biology (DBMV)
University of Lausanne, Switzerland

A PhD position (4 years) is open in the Nawrath group of the Department of Plant Molecular Biology (DBMV) at the University of Lausanne. The DBMV regroups 8 laboratories dedicated to the study of plants from a cellular and molecular perspective. With a total of more than 75 collaborators, our department represents one of the largest groups of scientists in plant molecular biology in Switzerland.

The research in the group of Christiane Nawrath (www.unil.ch/dbmv/en/home/menuinst/recherche/dr-christiane-nawrath-mer.html) is aimed on the characterization of genes involved in the formation and function of the plant cuticle and other cell wall lipids. The cuticle is laid down on the surface of different plant organs forming a diffusion barrier protecting the plant against abiotic and biotic stresses. The proposed research will be aimed at the characterization of aliphatic surface polyesters of the root and their role in plant-microbe interactions in Arabidopsis.

Highly motivated students that are interested in taking a combined approach using techniques of molecular biology, biochemistry, genetics, cell biology and physiology to answer questions in polyester research are encouraged to apply. Master degree or equivalent in biology is essential, background in molecular biology and/or plant-microbe interactions desirable.

Applications including a CV, a letter of motivation and information for 2 references should be send to Dr. Christiane Nawrath, Department of Plant Molecular Biology at the University of Lausanne (christiane.nawrath@unil.ch) and will be continuously evaluated until position is filled. Position is available now, starting date to be negotiated.