



PhD Position in Molecular Plant Sciences

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. The cuticle is laid down on the surface of different plant organs forming a diffusion barrier and protects the plant against abiotic and biotic stresses. During the proposed project gene functions involved in the formation of cutin and/or the cuticle will be characterized in tomato and Arabidopsis.

Highly motivated students that are interested in taking a combined approach using techniques of molecular biology, biochemistry, genetics, cell biology and physiology and biomechanics to answer questions in cuticle research are encouraged to apply. Master degree or equivalent in biology is essential, background in molecular biology and/or biochemistry 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). Applications are evaluated continuously. Position is available now, starting date to be negotiated.