

Two postdoctoral positions on Golgi phosphate transport and homeostasis in plants

University of Lausanne, Switzerland

Two postdoctoral positions are available in the laboratory of Prof. Yves Poirier at the Department of Plant Molecular Biology (DBMV) of the University of Lausanne. The research projects are aimed at discovering genes and mechanisms involved in the regulation of phosphate transport and homeostasis in the Golgi and associated organelles.

One postdoc will be responsible for developing and using genetically encoded fluorescent biosensors to understand the contribution of key genes on phosphate homeostasis in the Golgi. Such work will be done principally in *Arabidopsis* but will also use yeast. We are looking for a highly motivated scientist with strong expertise in confocal microscopy, including FRET, and ideally with direct experience with fluorescent biosensors.

The second postdoc will be focusing on understanding the role of novel genes involved in Golgi phosphate homeostasis identified through mutagenesis and gene mapping in *Arabidopsis*. Strong expertise in molecular genetics and biochemistry of solute transporter highly valued.

Starting date will be in the first half of 2024 and funding for both positions is available until the end of 2027. Further details about the laboratory and the department can be found at: www.unil.ch/dbmv/en/home.html.

Interested candidates should send their CV, outline of research interest, and the names and addresses of two references to Yves.Poirier@unil.ch.



The DBMV and the University of Lausanne provide an outstanding research and living environment.