



Light strongly influences plant growth and development. Although essential for photoautotrophic plants, light availability is often limited by surrounding vegetation. In response to neighbor proximity or shade cues, plants activate developmental programs such as shade-avoidance and phototropism. Warmer temperatures can trigger similar growth adjustments.

The Fankhauser lab ([lab webpage](#)) investigates the molecular and physiological mechanisms that enable plants to adapt to suboptimal light conditions or elevated temperatures.

PhD student position available in the Fankhauser lab

The successful candidate will work on a project aimed at deciphering the molecular mechanisms that govern plant growth responses to changes in light conditions and/or temperature. The project will involve a combination of molecular genetics, plant photobiology, cell biology, microscopy and biochemical approaches.

The candidate will also have the opportunity to gain teaching and mentoring experience by contributing to undergraduate and graduate courses and supervising student research projects.

The University of Lausanne offers a world-class international research environment equipped with state-of-the-art facilities.

Expected start date in position: 01.06.2026 or to be agreed

Please apply using the following link [PhD student position](#)

Post-doc position available in the Fankhauser lab

The successful candidate will work within the framework of the SNSF-funded project "*The response to high plant density in a warmer climate: function and regulation of Phytochrome Interacting Factors.*" The project will combine genome-wide transcriptional analyses at high spatial resolution, molecular genetics, plant photobiology, biochemistry and cell biology. The candidate will work as part of a collaborative research team to address the overarching scientific questions.

The successful candidate will also have the opportunity to gain teaching and mentoring experience by contributing to undergraduate and graduate courses and by supervising student research projects.

The University of Lausanne provides a world-class, international research environment supported by state-of-the-art core facilities, including genomics, proteomics, and microscopy.

Expected starting date: 01.07.2026 or to be discussed

Please apply using the following link [Post-doc position](#)