

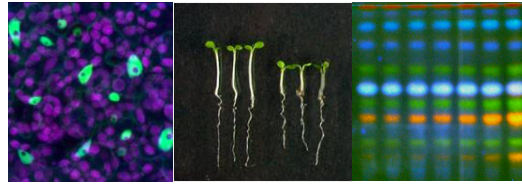


**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DES SCIENCES
Département des
sciences végétales

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Geneva, 15 January 2024

Postdoc position available
UV-B Perception and Signalling
Roman Ulm Laboratory @ University of Geneva, Switzerland

Applications are invited for a postdoc position to study UV-B perception and signalling. Our group has a strong interest in early UVR8 photoreceptor-mediated events regulating UV-B-induced photomorphogenesis and acclimation (see www.ulm-lab.ch/ for more information on our group and research). The successful candidate will be able to develop an own research project studying UVR8-mediated signalling and responses using *Arabidopsis thaliana* as model system (interests in projects using other plant model systems, such as *Marchantia* or *Chlamydomonas*, are also very welcome).

We are looking for a talented and creative new team member. The successful candidate has very recently received (<1 year) or is expecting to soon receive a PhD degree, has at least one major first-author publication, is highly motivated, has a strong interest in plant signal transduction, and demonstrated expertise in molecular biology, molecular genetics, biochemistry, imaging techniques, or related. Previous substantial experience with molecular techniques is essential. Good communication skills and fluency in spoken and written English are required.

We offer a creative and stimulating international scientific environment, and access to state-of-the-art technologies. Geneva offers an outstanding setting for study and research in the Molecular Life Sciences, as well as beautiful natural surroundings for outdoor activities and a vibrant cosmopolitan cultural life.

If you are interested in joining our team to make key discoveries in how plants perceive, signal and respond to UV-B, please send your application document (incl. a letter of motivation explaining your interest in, and qualification for the position, your C.V., copies of your degrees, and names of 2-3 references) as a single .pdf file to Roman Ulm (roman.ulm@unige.ch).

Review of applications will begin immediately, and applications will be accepted until the position is filled (→ as long as advertised on www.ulm-lab.ch/positions). The starting date is flexible and upon agreement.

5 recent publications (for all: www.ulm-lab.ch/publications):

Podolec et al. (2021) A constitutively monomeric UVR8 photoreceptor confers enhanced UV-B photomorphogenesis. *Proc. Natl. Acad. Sci. USA* 118: e2017284118.

Tissot and Ulm (2020) Cryptochrome-mediated blue-light signalling modulates UVR8 photoreceptor activity and contributes to UV-B tolerance in *Arabidopsis*. *Nat. Commun.* 11: 1323.

Lau et al. (2019) Plant photoreceptors and their signaling components compete for COP1 binding via VP peptide motifs. *EMBO J.* 38: e102140.

Arongaus et al. (2018) *Arabidopsis* RUP2 represses UVR8-mediated flowering in noninductive photoperiods. *Genes & Dev.* 32: 1332-1343.

Allorent et al. (2016) UV-B photoreceptor-mediated protection of the photosynthetic machinery in *Chlamydomonas reinhardtii*. *Proc. Natl. Acad. Sci. USA* 113: 14864-14869.