



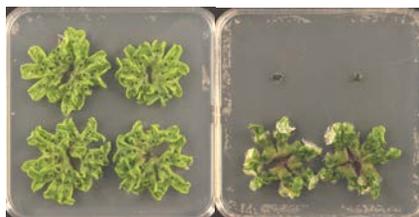
**UNIVERSITÉ  
DE GENÈVE**

**FACULTÉ DES SCIENCES**

Département des  
sciences végétales

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Geneva, 24 August 2022

### **Postdoc position available**

#### ***UV-B Perception and Signalling in Marchantia***

**Roman Ulm Laboratory @ University of Geneva, Switzerland**

Applications are invited for a postdoc position to study UV-B perception and signalling in the liverwort *Marchantia polymorpha*. Our group has a strong interest in early UVR8 photoreceptor-mediated events regulating UV-B-induced photomorphogenesis and acclimation (see [www.ulm-lab.ch/](http://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-COP1-mediated signalling and responses using *Marchantia polymorpha* as a model system.

We are looking for a talented and creative new team member. The successful candidate has very recently received (<1 year) or expects 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 and *Marchantia polymorpha* as a model system 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](mailto: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](http://www.ulm-lab.ch/positions)). Starting date is flexible and upon agreement.

5 recent publications (for all: [www.ulm-lab.ch/publications](http://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.