The Botanical Institute of the University of Cologne in the group of Prof. Dr. Maria Albani invites applications for the position of

**Postdoctoral Researcher**
**Plant Development and Life History Evolution**

starting November 2017 with weekly working time of 39,83 (100% position). The initial contract will be funded for 2 years. Payment is based on the German TV-L E13 scale if terms and conditions under collective bargaining law are fulfilled.

**Research project:**

Flowering contributes to the adoption of the annual and perennial life cycles. Our lab is using comparative studies between two Brassicaceae models (the annual *Arabidopsis thaliana* and the perennial *Arabis alpina*) to understand the molecular mechanisms that regulate flowering and plant architecture in annual and perennial species. We have shown that the differences in the expression patterns of the floral repressor *FLOWERING LOCUS C (FLC)* in *A. thaliana* and its orthologue *PERPETUAL FLOWERING 1 (PEP1)* in *A. alpina* contribute to the annual or perennial life strategy (Wang et al., 2009, *Nature*; Albani et al., 2012, *PLoS Genet*; Bergonzi et al., 2013, *Science*).

The main objective of this project is to characterise additional components that regulate flowering and other related traits in both species by performing comparative studies.

**Your qualifications:**

We are looking for an enthusiastic scientist (PhD is required) with a strong interest in plant developmental biology and good experimental and communication skills. A background in flowering time in *A. thaliana* and expertise in Genetics and Biochemistry will be considered a plus.

Applications from disabled people are welcome. Disabled people with equal qualifications will be given priority. Applications from women are encouraged. Women with comparable qualifications will receive particular consideration, unless another applicant displays compelling reasons for us to prefer them.

**Application:**

Please include your CV, letter of motivation and contact information for three references.

Please send the application as one pdf document to:
Ms Margaret Kox (kox@mpipz.mpg.de) before 6 July 2017.

www.uni-koeln.de