

In the project “Repeatome dynamics in the earliest evolutionary stages of apomictic plants” funded by the Czech Science Foundation, a

Postdoc Position in Bioinformatics

is available at the Institute of Botany (www.ibot.cas.cz/en/) of the Czech Academy of Sciences. Project begin is January 2017; the position is for 3 years and shall be filled as quickly as possible, with an option to be prolonged after the end of the project.

The project is aimed at a better understanding of mechanisms underlying the transition from sexual to apomictic reproduction. It brings together an interdisciplinary and international team of researchers who will tackle a complex biological question from various angles (cytogenetics, genomics, embryology, reproductive biology).

Tasks involve the *de novo* identification and quantification of genomic repeats from high-throughput sequencing data in the non-model hawkweed genus *Hieracium* in order to investigate genome repatterning following hybridization. The successful applicant will be involved in experimental design and statistical analysis, collaborate with wet-bench biologists and help to integrate the results into the bigger picture.

Prerequisites are a PhD in Biology, Genomics, Bioinformatics or a related field with at least two years of experience in Bioinformatics (preferably with a background in eukaryote genomes), a profound interest in the topic, the capacity to work independently as well as to contribute creatively to a team, and the proven ability to publish in renowned IF journals.

We offer an excellent infrastructure and a friendly working atmosphere in a marvellous environment (Pruhonice Park, UNESCO World Heritage Site (www.pruhonickypark.cz/en/the-pruhonice-park/) in the close vicinity of Prague and an option to become engaged in the future establishment of a central Bioinformatics unit at the Institute of Botany.

For more information, please contact Dr. Judith Fehrer (fehrer@ibot.cas.cz). Applications containing a motivation letter, a short CV, a full publication list and two references should be sent until 15. January to ibot@ibot.cas.cz.

.