Post-Doctoral Research Position

The Plant Molecular Biology Laboratory (lab of Kenji Yamada), in MCB, JU is carrying out research analyzing the function of plant endomembrane systems such as the endoplasmic reticulum, vacuoles and peroxisomes. The laboratory is looking for two postdoctoral scientists to join a TEAM project entitled “Plant chemical defense based on mustard oil bomb”. Successful candidates will join a project that aims to understand detailed molecular aspects of a plant defense system based on glucosinolate-myrosinase system.

Key responsibilities include:
1. Isolation/validation of newly identified ER body mutants
2. Expression analysis of ER body related genes in the mutants
3. Insect feeding experiment to test mutant phenotype
4. Identification of mutant genes

You can find more information about the Plant Molecular Biology Laboratory on the website: http://www.mcb.uj.edu.pl/laboratorium-biologii-molekularnej-roslin

Eligible contestants must meet the following qualification criteria:
1. Having a PhD degree in molecular biology, plant biology or related discipline, PhD degree obtained not longer than 5 years ago (excluding permitted career breaks)
2. Having a strong experience in one of following research areas:
   i) plant cell biology and plant molecular biology
   ii) plant pathology and plant insect interaction
   iii) animal ethology
   iv) evolutionary biology
3. Having good written and oral communication skills in English
4. Having a strong research publications list or awards would be an advantage
5. Showing a good level of independence, self-motivation and reliability

Candidates should submit the following documents (in English) to the Malopolska Centre of Biotechnology office, Cracow ul. Gronostajowa 7A, room 3/12 or electronically in the .pdf format by email to kenji.yamada@uj.edu.pl:
1. CV
2. Motivation letter
3. Publication list
4. A copy of a PhD degree
5. Contact details of minimum two referees, including a former academic supervisor

The deadline for submitting applications is 06.08.2018.

You can find information in EURAXESS https://euraxess.ec.europa.eu/jobs/322852.