

Department of Bioscience and Territory

Profile

Selection procedure for n. 1 position as fixed term **RESEARCH ASSOCIATE TYPE A** (Part time) according to art. 24 comma 3 of Law 240/2010, within the Area 05 – Life Sciences, Macrosector 05/A- Plant Biology, Examination sector 05/A2 – Plant Physiology, Scientific Disciplinary Sector (SSD) BIO/04- Plant physiology.

Specific activities that shall be carried out by the candidate and type of teaching and research requirements

Teaching activity, theoretical and practical, will be related to basic and advanced courses of the SSD BIO/04 – Plant Physiology, for the degrees of Biology and other related degrees, and for the Bioscience and Territory PhD program.

The candidate will have to carry out research activities related to SSD BIO/04 – Plant Physiology, and will be mainly focused on the use of advanced and integrated approaches of proteomic, physiological, morphological and molecular analyses to study the woody root biology and the mechanisms involved in mechanical stresses response.

Admission requirement

For the participation to the selection procedure, Italian and foreign applicants must have:

- PhD or equivalent title, obtained in Italy or abroad, pertaining to the present selection procedure and related research activities;
- scientific-professional curriculum vitae consistent with research and teaching activities, attesting scientific and technological knowledge and expertise in the SSD BIO-04 or in SSD(s) linked to it and documented by relevant scientific publications.

Preferential requirements:

- training and/or research activity, at international level, in the field woody root biology and mechanical stress response;
- national and international teaching activity, at Academic level, including also co-tutoring thesis activities for Master students and participation to Erasmus teaching program;
- participation in national and international research groups;
- participation as speaker in national and international congresses and meetings.

Objectives of scientific production

At the least three publications in peer review journals.

Number of scientific publications

In addition to PhD thesis, candidate will present a minimum of 6 (six) and maximum 12 (twelve) relevant scientific publications pertaining to the present selection and published rigorously on peer reviewed scientific journals, indexed by ISI WoS and/or Scopus and with impact factor.

Foreign language of which he is required to speak

English.

Place of business:

Department of Bioscience and Territory – Pesche.

Means by which researcher's productivity and results will be evaluated

Annual report on teaching and research activities.