

## Two available postdoc positions in the Institute of Plant Integrative Biology (IBIP) of Montpellier



We are seeking two highly motivated postdocs to work on the following projects:

The first postdoc will study the regulatory processes controlling manganese and iron uptake by key transporters of the NRAMP and ZIP families in *Arabidopsis* as well as the molecular responses to Mn deficiency through “omics” analyses in collaboration with the lab of Wolfgang Schmidt in Taipei. This postdoc position is funded for 3 years by an International French-Taiwanese grant from the Agence Nationale pour la Recherche (ANR).

The second postdoc will focus on the cellular mechanism driving manganese traffic to the chloroplast as it is a crucial cofactor to the oxygen evolving complex of Photosystem II. The role of candidate proteins such as the *Arabidopsis* NRAMP manganese transporters will be investigated by a combination of reverse genetics, cell biology and molecular physiology; genetic screens will also be designed to identify new players. This postdoc position is funded for 2 years by an International French-Taiwanese grant from the Agence Nationale pour la Recherche (ANR).

The candidates should have a strong background in plant molecular biology. Expertise in transcriptomics, proteomics, genetics and biochemistry would be appreciated.

Both projects will be held in the group of Catherine Curie, in the Biochemistry and Plant Molecular Physiology lab (BPMP) in Montpellier. For more information, please see <http://www1.montpellier.inra.fr/ibip/bpmp/equipes/tsf.htm>

BPMP is defined as an Integrative Biology research department, focused on the mechanisms of plant responses and adaptation to variable abiotic environmental conditions. It has gained a strong scientific identity by unraveling the molecular mechanisms which contribute to determine the hydro-mineral balance of plants by integrating cellular, molecular, genetic, biochemical, biophysical and physiological approaches, and mainly by using the model plant *Arabidopsis thaliana*.

The SupAgro campus is located in the beautiful historic city of Montpellier, on the Mediterranean seashore of the South of France.

Please send a *curriculum vitae* including a list of publications and research interest, and the names and e-mail addresses of at least two referees to :

Catherine Curie  
[curie@supagro.inra.fr](mailto:curie@supagro.inra.fr)