



## Postdoctoral Researcher

Applications are invited for a Postdoctoral Researcher to join the laboratory of Dr. Enrico Magnani at IJPB-INRA Versailles, France. It is a full-time post for a period of 3 years, starting February 2020.

### The Group

The Magnani's laboratory studies the molecular bases underlying the development and evolution of the seed. At the moment, we use *Arabidopsis* and *Amaranthus* as models for the two most ancient angiosperm seed architectures. Our group exploits an integrated interdisciplinary approach that spans tissue three-dimensional reconstruction, cell-type-specific transcriptomic profiling, gene network analyses and phylogenomics.

Magnani E. (2018) Seed evolution, a 'simpler' story. *Trends in Plant Science*. 23(8):654-656.

### The role

The successful candidate will work on a project supported by the French Agence nationale de la recherche (ANR) aimed at characterizing the molecular pathways that regulate nucellus cell patterning in *Amaranthus* and *Arabidopsis* seeds. Aspects of this project will involve genetic, genomic, imaging and biochemical approaches.

### Contact

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