



2 years Research Engineer position available



Laboratoire de Reproduction et Développement des Plantes (RDP)

ENS de Lyon - INRAE - CNRS - UCBL
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Limagrain Grandes Cultures

Centre de Recherche, CS90126
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Context

In the frame of “Plan de Relance”, the RDP laboratory, in collaboration with Limagrain Field Seeds, is looking a young graduate with PhD degree obtained in 2019, 2020 or 2021. The position is for 2 years at Research Engineer level (“IR” in the French system). This position will be shared between the RDP laboratory and Limagrain laboratories. Research will be carried out under the supervision of Dr. Thomas Widiez (RDP) and Dr. Jean-Pierre Martinant (Limagrain).

Environment

The two partners have longstanding collaboration working on plant reproduction, especially on the process of haploid induction: the understanding of haploid induction processes leads to deeper insight into the fundamental bases of sexual reproduction (in plants gamete development, genome stability and fertilization) together with improving plant breeding efficiency (See the references below).

The aim of this project is to improve and develop haploid induction ability on two plants of interest, using the resources from the two laboratories: RDP in Lyon and Limagrain in Chappes.

We are seeking a highly motivated scientist with a background plant genetics and molecular biology techniques.

Contact: Applications including a CV, a description of previous research experience and names and addresses of three possible referees should be sent Dr. Thomas Widiez ([thomas.widiez@ens-lyon](mailto:thomas.widiez@ens-lyon.fr)), The position is to start at the end of the year (2021), and application are expected as soon as possible.

Selected publications on the topic by the teams

1. L. M. Gilles *et al.*, *EMBO J.* 36, 707–717 (2017).
2. L. M. Gilles, J.-P. Martinant, P. M. Rogowsky, T. Widiez, *Current Biololy.* 27, R1095–R1097 (2017).
3. N. M. A. Jacquier *et al.*, *Nature Plants*, 1–10 (2020).
4. L. M. Gilles *et al.*, *Journal of Cell Biology.* 220 (10): e202010077 (2021)
5. J.-P. Martinant, J. Comadran, J.-B. Laffaire, P. Rogowsky, T. Widiez (2016), **Patent** PCT/EP2016/060202.