

Spain

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1) TRANSPLANTA project:

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This project aims to generate functional genomics resources for the analysis of Arabidopsis transcription factors.

Main project activities are:

- i) generation of a collection of 1000 independent transgenic plants each conditionally expressing a different transcription factor
- ii) Functional characterization of transcription factor expressing lines, to identify transcription factors relevant in development, and biotic and abiotic stress responses
- iii) Identification of the binding site of 50 transcription factors using a microarray-based strategy
- iv) Screen of EMS mutagenised plants using microarray based strategy
- v) Map Based cloning of relevant mutant genes.

The program has just started and the Website will be prepared this year.

2) A Tilling facility for the Arabidopsis Landsberg ecotype has been implemented (Coordinator, Carlos Alonso; Web site: <http://www.cnb.csic.es/~tiller/>)

3) Additionally several biological process oriented projects (about 30) in which genomics tools are being used are currently funded by the Spanish Ministry of Science.

Major funding sources for Arabidopsis functional genomics:

- Spanish Ministry of Education and Science (<http://www.mec.es/>)
- Tri-lateral Research Activities (Spain-France-Germany) (<http://www.erapg.org/everyone/17317>)