

META-PHOR

Metabolomic Technology Applications for Plants, Health and Outreach

META-PHOR is an EU Framework VI project which began in October 2006. It involves 22 collaborators from academia and industry. The overall objective is as follows:

META-PHOR will bring together key European players with proven track-records in plant metabolic profiling, analytical chemistry, plant biology and human nutrition, in a focused, coordinated initiative to develop a high throughput metabolite-based phenotyping platform appropriate for the targeted improvement of plant breeding, engineering and processing strategies aimed at a more varied range of food products with enhanced nutritional quality.

A [brief description](#) in a wider context is available as a temporary introduction to the project.

There are 6 work packages. Work package 4 is co-ordinated by Nigel Hardy at Aberystwyth.

- **WP 1 [Management]** is the coordination and management of the METAPHOR project as a whole.
- **WP 2 [Technology Platform]** forms the core of wet lab activities within the project.
- **WP 3 [Biological Materials]** has responsibility for the provision of all the plant samples of the three chosen crops and for coordinating storage and delivery to the different partners for analysis.
- **WP 4 [Database Management]** shall be responsible for all database issues and shall deliver an integrated data handling, storage and management resource which be sustainable and available beyond META-PHOR.
- **WP 5 [Bioinformatics and Statistics]** will coordinate and exploit the integration and development of all data analysis approaches.
- **WP 6 [Outreach]** shall disseminate META-PHOR knowledge and will transfer technology expertise to the scientific and commercial communities.

There is a [restricted website](#) to co-ordinate the project at Aberystwyth.