

## **BIOMAHE Centre of Excellence**

### **Biodegradable Polymeric Materials for Health and Environment**

The **BIOMAHE Centre of Excellence** covers the field of biodegradable polymeric materials application in medicine and environmental protection including agrochemistry and ecological packaging issues. The project is carried out under 6FP of European Community, Marie Curie Fellowship Scheme – Transfer of Knowledge.

BIOMAHE Centre of Excellence was launched on 1<sup>st</sup> May 2004 and its realisation will last four years. In the BIOMAHE Centre of Excellence activity a number of the most recognised partner institutions are involved:

- Royal Institute of Technology, Sweden
- Consorzio Interuniversitario Nazionale per la Scienza e Tecnologia dei Materiali, Bologna, Italy
- „Petru Poni” Institute of Macromolecular Chemistry, Romanian Academy of Sciences
- University of Siena, Italy.

The BIOMAHE research programme includes synthesis and determination of chemical structure-property relationships of polymers as well as evaluation of their biocompatibility, biodegradability, mechanical behavior and processing as a function of chemical composition and structure. It is carried out by three thematic groups: (i) team for polymeric drug delivery systems, (ii) team for polymeric bioresorbable implants, (iii) team for environmental and agrochemical applications of biodegradable polymers.

Within the project a number of experienced researchers from the European scientific centers will be appointed by the BIOMAHE Centre of Excellence to transfer their knowledge and scientific experience. Also, the Centre staff will be appointed by partner institutions to receive knowledge and new expertise. Series of training activities (seminars, workshops, special lectures) will accompany the Centre research programme.

BIOMAHE Centre of Excellence is a member of the International Scientific Network for Advanced Materials and Structures AMAS-ISN.

More detailed information on the project objectives as well as vacancy announcements are available at Cordis website:

[http://mc-opportunities.cordis.lu/show-PRJ.cfm?obj\\_id=6777](http://mc-opportunities.cordis.lu/show-PRJ.cfm?obj_id=6777)

and on AMAS-ISN home page:

[http://www.ippt.gov.pl/amas-isn/member\\_info.php?member=biomahe](http://www.ippt.gov.pl/amas-isn/member_info.php?member=biomahe)

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