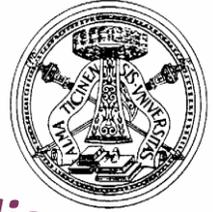




fondazione  
c a r i p l o

Postdoctoral position  
University of Pavia



## Metabolic engineering in *B. subtilis*

A two-year position funded by **FONDAZIONE CARIPLO** is available for an **experienced** and highly motivated postdoctoral researcher to work on poly-gamma-glutamic acid ( **$\gamma$ -PGA**) **production** in *Bacillus subtilis* using raw **glycerol** from biodiesel plants as feedstock.

Together with a multidisciplinary team consisting of biologists, biotechnologists and bioengineers, your work will aim at rationally plan and implement metabolic engineering strategies for cost-competitive polymer production using **synthetic biology** concepts.

Ideally, you should have a PhD in a relevant discipline, extensive and proven experience in **recombinant DNA methods** and in ***Bacillus* molecular genetics**. Experience in microscopy and flow cytometry is desirable but not essential.

Closing date for applications: **17 February 2017**

Be sure to provide your **CV** with the **contact details of two 2 referees** and a **motivation letter** containing a brief summary of your research interests and major accomplishments.

Both informal enquiries and applications can be addressed to Dr Cinzia Calvio (e-mail: cinzia.calvio [at] unipv.it ), quoting "**Gly-sy-bi**" in the subject of your mail.

This post is available from May 2017 for a period of two years.

The University of Pavia is one of the oldest universities in Europe, with a strong tradition in biological and medical research. The Dept. of Biology and Biotechnology (DBB) is a highly dynamic and multicultural research environment covering many fundamental area of life science including Genetics, Molecular Biology, Microbiology, Biochemistry, Cytology, Pharmacology, Physiology and Zoology.