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 (γ-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 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.