

ITALIAN BIOCATALYSIS CENTER

www.italianbiocatalysis.eu

Italian Consortium for Research and Industrial Application
of Biocatalysis and Biotechnology

ITALIAN BIOCATALYSIS CENTER (IBC)

IBC is a Research and Development Consortium including both public and private partners working together for the technological advancement of Biocatalysis and Biotransformation in the obtainment of new products or processes or in the improvement of the existing ones.

It is created to centralize:

- technical services*
- personal training*
- Quality control*
- technology transfer*
- participation to national and international projects (set up the critical mass for encouraging venture capitals operations).*

IBC mission

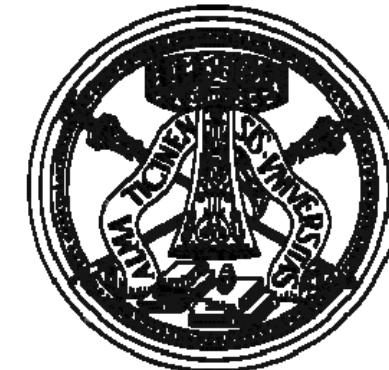
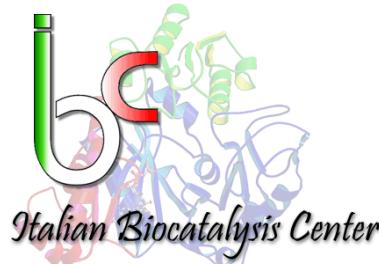
- ***to link competences and know-how of industrial and academic partners in Biocatalysis & Biotechnology;***
- ***to study and up to develop to pre-competitive level products and projects for fine chemicals, pharmaceutical, agrochemical, food, flavour & fragrances industries;***
- ***to produce free and immobilized biocatalysts, intermediates and active ingredients by means of biotechnologies;***
- ***to combine large expertise in organic synthesis and biotransformations in a synergic way.***
- ***to study and to develop new bio-products, including vaccines and recombinant proteins***

From laboratory...



...To Industry





Public research partners

University of Pavia
University of Milan,
University of Insubria;
University of Tuscia



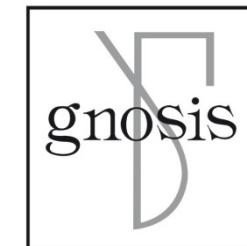


Fabbrica Italiana Sintetici
The Powerhouse for API Solutions



FARMABIOS
Active Pharmaceutical Ingredients

Companies



advanced biotech

**EVENTI
E
FORMAZIONE**



APIB-2011
**“Active Pharmaceutical Ingredients from Biotechnology:
from research to industrial and regulatory issues”**

2nd Edition

June 14-17 2011
FACULTY OF PHARMACY, COMPLUTENSE UNIVERSITY.
MADRID



asebio

MEDICAMENTOS INNOVADORES
Plataforma Tecnológica Española
farma|industria

Italian Chemical Society
Division of
Medicinal Chemistry



Master in Tecnologie Farmaceutiche e Attività Regolatorie
Università di Pavia



Master Biennale di II livello in
Discipline Regolatorie "G. Benzi"



FEDERCHIMICA
ASCHIMFARMA

"cGMPs approach and regulatory overview applied to APIs focused on bio-products and semi-synthesis processes"

Pavia, 11 May 2012

L'11 maggio 2012 l'Italian Biocatalysis Center (IBC) - Università di Pavia, con il patrocinio di Aschimfarma, organizzerà una giornata di approfondimento sui i seguenti argomenti:

- Quality of APIs and fermentation products
- EDQM and CEP
- GMP and Inspection
- Registration of biological products

IFIB 2014

Genoa - Palazzo della Borsa, via XX Settembre, 44 (Piazza De Ferrari)
September 25-26, 2014

Organisers:



Co-organisers:



Scientific Committee

- Gianluca Carenzo (Assobiotec)
- Fabio Fava (University of Bologna)
- Giuliano Freddi (Innovhub-SS)
- Lucia Gardesani (University of Trieste)
- Riccardo Mittera (Italian Biocatalysis Center)
- Patrizia Perego (University of Genoa)
- Sergio Riva (ICRM-CNR)
- Giovanni Sannia (University Federico II of Naples)
- Giovanna Speranza (University of Milan)
- Daniela Ubiali (University of Pavia)
- Auro Tagliani (Italian Biocatalysis Center)

Organising Committee

- Fabrizio Barberis (University of Genoa)
- Mario Bonacorso (Assobiotec)
- Raffaella Bruzzone (Unicamere Liguria)
- Clò Caminati (Unicamere Liguria)
- Sera Daina (Innovhub-SS)
- Renata Denaro (AMC-CNR)
- Iaria Donelli (Innovhub-SS)
- Suay Longoni (Innovhub-SS)
- Elena Manara (Chamber of Commerce of Genoa)
- Giampaolo Serilli (Innovhub-SS)
- Giovanna Cristina Varese (University of Turin)



RICERCA

Progetti di ricerca coordinati e/o svolti da IBC

1) Velica: Da antiche colture materiali e prodotti per il futuro

- Università di Milano
- Università di Pavia

2) Sviluppo processi di fermentazione per antibiotici polipeptidici

- Università di Pavia
- Gnosis

3) Sviluppo di processi industriali per la sintesi di acidi biliari

- Università di Pavia
- PCA

4) VATUB: Approccio biotecnologico alla progettazione razionale di vaccini: nuovo vaccino anti TB

- Università di Pavia
- Università di Milano
- Università dell'Insubria