

CONFERENCE PUBLICATIONS

All accepted abstracts will be published in the *Journal of Biotechnology*. The best papers presented at each IBS Scientific Session (as oral communications or poster presentations) will also be considered for publication in their entirety in Elsevier journals (such as *Process Biochemistry*, *Biotechnology Advances*, *International Journal of Pharmaceutics*, *Journal of Biotechnology*, *Current Opinion in Biotechnology*, *Metabolic Engineering* and *Biotechnology Advances*) subject to each journal's standard peer-review process.

REGISTRATION FEES

	Early Registration	Late Registration
Industry Delegates	€745,00	€895,00
SMEs Delegates	€600,00	€720,00
Delegates from Academia	€495,00	€595,00
Student Delegates	€345,00	€395,00
Delegates from Developing Countries	€295,00	€345,00

The registration fee includes:

- Admission to all scientific sessions
- Participation in FP7 presentations and related brokerage events
- Publication of accepted abstracts and selected full papers in Elsevier journals
- Welcome cocktail, coffee breaks and lunches
- Congress kit, CD with abstracts and certificate of attendance

CME – CONTINUING MEDICAL EDUCATION (FOR ITALIANS ONLY)

CME accreditation for Biologists and Pharmacists

CONGRESS VENUE AND LOCATION



Rimini Palacongressi
Via della Fiera, 52
47900 Rimini RN - Italy

Information on accommodation for delegates is available at www.ibs2010.org

Rimini is ideally located for day visits to major Italian cities. Post-event excursions to Bologna, Rome, Florence, Venice and Ravenna are also possible.

For further information please visit www.ibs2010.org

HOW TO GET TO THE CONGRESS VENUE

GPS References LAT 44° 04' 25.10" N LONG 12° 30' 32.79" E ALT 44ft

By plane: Rimini's Federico Fellini International Airport is located approximately 7 km from the city centre. Please visit www.riminiairport.com for timetables. Bus no 9 goes to within walking distance of the Palacongressi (300 metres from the Arco d'Augusto stop).

Bologna's G. Marconi International Airport is 100 km from Rimini and Forlì's Ridolfi Airport is 40 km away. Please visit www.bologna-airport.it and www.forliairport.com for timetables.

An Air Bus leaves for Rimini railway station from Bologna and Forlì airports. Please follow directions below from Rimini station.

By train: Direct trains to Rimini operate from Rome, Florence, Milan, Turin, Venice, Bari, etc. (www.trenitalia.it). Take bus no 7 from the railway station.

By car: From the A14 motorway - Taranto Bologna - exit Rimini Sud. Take the Consolare Rimini-San Marino road following signs to Rimini. Follow directions to the city centre and then Palacongressi.

www.ibs2010.org

THE ORGANISERS



Convenor

Alma Mater Studiorum
- University of Bologna

Founded in 1088, it is one of the oldest universities and remains one of the most important Higher Education institutions in Europe.

CONFERENCE COMMITTEES

Please visit www.ibs2010.org for details of the International Scientific Committee, the Local Promoting Committee and the Local Scientific Committee.

Partners

- Italian Association for the Development of Biotechnology - ASSOBIOTEC
- Italian Chemical Society - SCI
- Italian Technology Platforms:
 - Biofuels Italia
 - Italian Farm Animals Breeding and Reproduction Technology Platform - ITAFABRE
 - Italian Food for Life
 - Italian Global Animal Health - ITPGAH
 - Italian Plants for the Future - ITPLANTS
 - Italian Forest-based Sector Technology Platform - IT-FTP
- SusChem Italy
- Italian National Committee for Biosafety, Biotechnology and Life Sciences, Italian Bureau of the Council of Ministers

Supporting Organisations

- European Association for Bioindustries - EuropaBio
- European Federation of Biotechnology - EFB
- European Society for Environmental Biotechnology - ESEB
- European Technology Platforms:
 - Biofuels
 - FABRE
 - Food for Life
 - Forestry
 - Plants for the Future
 - SusChem
 - GAH
- International Society for Environmental Biotechnology - ISEB
- International Union of Pure and Applied Chemistry - IUPAC
- Organization for Economic Co-Operation and Development - OECD

ORGANISING SECRETARIAT

Adria Congrex srl
Via Sassonia 30
47900 Rimini RN - Italy
Phone: +39 0541 305896
Fax: +39 0541 305842
Email: ibs2010@adriacongrex.it

14th International Biotechnology Symposium and Exhibition

IBS 2010



Biotechnology for the Sustainability of Human Society

14-18 September 2010
Palacongressi, Rimini – Italy

Conference Chair: Professor Fabio Fava

Alma Mater Studiorum - University of Bologna, Italy

Conference Co-Chair: Professor Francesco Nicotra

University of Milan-Bicocca & IUPAC, Italy

SECTIONS

- Systems Biology for Biotechnological Innovation (Jointly with SBH)
- Medical and Pharmaceutical Biotechnology
- Animal Biotechnology
- Industrial Biotechnology (Jointly with ESEB)
- Biotechnology for Bioenergy
- Food Biotechnology
- Plant Biotechnology
- Forest Biotechnology
- Environmental Biotechnology (Jointly with ISEB)
- Contribution of Chemistry to Develop a Biotechnology-based Economy

Presentation of 2010 R&D financing opportunities by European Commission (7th Framework Program) and organisation of related brokerage events supporting the Public-Private Partnership

KEY DATES AND DEADLINES

Early Registration: 31 May 2010

Abstract Submission for Oral and Poster Presentations:
1 March 2010

Notification of Acceptance of Abstracts: 12 April 2010

Request for Rooms for Project Meetings: 26 February 2010

SECOND CIRCULAR

www.ibs2010.org



Scientific Sessions

<p>Session 1 Systems Biology for Biotechnological Innovation (Jointly with SBH)</p> <p>Chairmen: Giovanni Cesareni, <i>Italy</i> Thomas Höfer, <i>Germany</i> Stefan Hohmann, <i>Sweden</i> An-Ping Zeng, <i>Germany</i></p> <p>Speakers: Lilia Alberghina, <i>Italy</i> Philippe Bastiaens, <i>Germany</i> Jan Ellenberg, <i>Germany</i> Stefan Hohmann, <i>Sweden</i></p>	<p>Topics:</p> <ul style="list-style-type: none"> Bioinformatics and mathematical modelling for systems biology Systems biology of microbial cells Plant systems biology Mammalian systems biology Systems biology of bioprocesses Innovative chemistry in systems biology 	<p>Session 2 Medical and Pharmaceutical Biotechnology</p> <p>Chairmen: Lilia Alberghina, <i>Italy</i> Carmen Vela Olmo, <i>Spain</i> Gregory Stephanopoulos, <i>USA</i> Qimin Zhan, <i>China</i></p> <p>Speakers: Jorg Didrichsen, <i>Norway</i> Michele Papa, <i>Italy</i> Giovanni Romeo, <i>Italy</i> Gregory Stephanopoulos, <i>USA</i></p>	<p>Topics:</p> <ul style="list-style-type: none"> New products for preventive medicine Systems biology for drug discovery Molecular modelling, recognition and lead optimisation Regenerative medicine Towards personalised medicine (biomarkers and tailored drugs) Biomaterials (for tissue regeneration, etc.) Drug design and targeting Cellular models of disease 	<p>Session 5 Biotechnology for Bioenergy</p> <p>Chairmen: Bärbel Hahn-Hägerdal, <i>Sweden</i> Veronique Hervouet, <i>France</i> Francesco Salamini, <i>Italy</i> Andreas Schütte, <i>Germany</i></p> <p>Speakers: Adrian Fisher, <i>UK</i> Jonathan Gressel, <i>Israel</i> Bärbel Hahn-Hägerdal, <i>Sweden</i> Veronique Hervouet, <i>France</i> Merja Penttila, <i>Finland</i> Andreas Schütte, <i>Germany</i> Neal Stewart, <i>USA</i></p>	<p>Topics:</p> <ul style="list-style-type: none"> Breeding for optimisation of non food energy crops Biotechnology bridging to the next generation biofuels production Biotechnology for the lignocellulose pretreatment Microalgal biotechnology Microbial fuel cells Biotechnology for enhanced biohydrogen and biogas production 	<p>Session 3 Animal Biotechnology</p> <p>Chairmen: Keith Campbell, <i>UK</i> Ilaria Capua, <i>Italy</i> Louis Charles Gasbarre, <i>USA</i> Agostino Macri, <i>Italy</i></p> <p>Speakers: Keith Campbell, <i>UK</i> Ilaria Capua, <i>Italy</i> Louis Charles Gasbarre, <i>USA</i> Jim Scudamore, <i>UK</i> Samuel Thevasagayam, <i>UK</i></p>	<p>Topics:</p> <ul style="list-style-type: none"> Cellular processes and regulatory networks Genomics tools and platforms Sequencing plant genomes Biodiversity and natural variation Functional genomics Cisgenic and transgenic crops Marker-assisted selection to improve crop performance 	<p>Session 9 Environmental Biotechnology (Jointly with ISEB)</p> <p>Chairmen: Piet Lens, <i>The Netherlands</i> Hisao Ohtake, <i>Japan</i> Eugenia J. Olguin, <i>Mexico</i> Eliona Z. Ron, <i>Israel</i> Giovanni Sannia, <i>Italy</i> Ulrich Stottmeister, <i>Germany</i> Murray Moo Young, <i>Canada</i></p> <p>Speakers: Spiros Agathos, <i>Belgium</i> Christian Marie Bols, <i>Belgium</i> Masao Fukuda, <i>Japan</i> Piet Lens, <i>The Netherlands</i> Jan Roelof Van Der Meer, <i>Switzerland</i> Eugenia J. Olguin, <i>Mexico</i> Eliona Z. Ron, <i>Israel</i> Ulrich Stottmeister, <i>Germany</i> Murray Moo Young, <i>Canada</i></p>	<p>Session 6 Food Biotechnology</p> <p>Chairmen: Peter van Bladeren, <i>UK</i> Giovanni Giuliano, <i>Italy</i> Christophe Lacroix, <i>Switzerland</i> Ben Van Ommen, <i>The Netherlands</i> Daniele Rossi, <i>Italy</i></p> <p>Speakers: Peter Beyer, <i>Germany</i> Peter van Bladeren, <i>Switzerland</i> Tim Hoog, <i>Portugal</i> Christophe Lacroix, <i>Switzerland</i> Daniele Rossi, <i>Italy</i> Willem de Vos, <i>The Netherlands</i></p>	<p>Topics:</p> <ul style="list-style-type: none"> Biotechnology of food microorganisms Human and animal gut microbiomes Plant biotechnology for food quality Functional food and nutrigenomics Functional genomics, microbial proteomics and metabolic regulation Genome mining for the development of new enzymes Novel food biotechnological processes 	<p>Session 7 Plant Biotechnology</p> <p>Chairmen: Wilhelm Gruissem, <i>Switzerland</i> Peter Langridge, <i>Australia</i> Roberto Tuberosa, <i>Italy</i> Qifa Zhang, <i>China</i></p> <p>Speakers: Theodor Crosbie, <i>USA</i> Catherine Feuillet, <i>France</i> Wilhelm Gruissem, <i>Switzerland</i> Peter Langridge, <i>Australia</i> Sabrina Sabatini, <i>Italy</i> Qifa Zhang, <i>China</i></p>	<p>Session 10 Contribution of Chemistry to Develop a Biotechnology-based Economy</p> <p>Chairmen: Luigi Campanella, <i>Italy</i> Bai Fengwu, <i>China</i> Torbjörn Norin, <i>Sweden</i> Peter Seeberger, <i>Germany</i></p> <p>Speakers: Sylvia Daunert, <i>USA</i> David Eisenberg, <i>USA</i> Jeffery Hubbel, <i>Switzerland</i> Andre Koltermann, <i>Germany</i> Paolo Rovero, <i>Italy</i> Peter Seeberger, <i>Germany</i> Anna Tampieri, <i>Italy</i></p>	<p>Topics:</p> <ul style="list-style-type: none"> Chemical genetics Chemistry in biosimilars characterisation New chemical and biochemical synthetic pathways Analytical biotechnology Nanobiotechnology Biomaterials Toxicity evaluation and safety control by biotechnological approach 	<p>Round Table 1 International Research Policies</p> <p>Chairmen: Giuliano D'Agnolo, <i>Italy</i> Iain Gillespie, <i>OECD</i></p> <p>Speakers: Iain Gillespie, <i>OECD</i> Eduardo J. Trigo, <i>Argentina</i> Lydia Zepeda, <i>USA</i></p>	<p>Round Table 2 Biosafety, Food Security and Bioeconomy</p> <p>Chairmen: Marc Van Montagu, <i>Belgium</i> Jennifer Thomson, <i>South Africa</i></p> <p>Speakers: Marc Van Montagu, <i>Belgium</i> Jennifer Thomson, <i>South Africa</i> George Tzotzos, <i>Austria</i></p>	<p>Session 4 Industrial Biotechnology (Jointly with ESEB)</p> <p>Chairmen: Satoshi Harashima, <i>Japan</i> Danilo Porro, <i>Italy</i> Willy Verstraete, <i>Belgium</i> Roland Wohlgemuth, <i>Switzerland</i> Marcel Wubbolts, <i>The Netherlands</i></p> <p>Speakers: Hideharu Anazawa, <i>Japan</i> Bai Fengwu, <i>China</i> Marco Fraaije, <i>The Netherlands</i> Richard Gross, <i>USA</i> Jens Nielsen, <i>Sweden</i> Willy Verstraete, <i>Belgium</i></p>	<p>Topics:</p> <ul style="list-style-type: none"> Industrial enzymes and microorganisms Metabolic engineering, tools and applications Production of recombinant protein and enzymes Biomaterials and biobased chemicals Bioprocess engineering Biorefinery strategies Marine biotechnology 	<p>Session 8 Forest Biotechnology</p> <p>Chairmen: Raffaello Giannini, <i>Italy</i> Kimmo Kalela, <i>Finland</i> Steven Strauss, <i>USA</i> Bjorn Sundberg, <i>Sweden</i></p> <p>Speakers: Dieter Ernst, <i>Germany</i> Antoine Kremer, <i>France</i> Steven Strauss, <i>USA</i> Bjorn Sundberg, <i>Sweden</i></p>	<p>Topics:</p> <ul style="list-style-type: none"> Biotechnology for biomass production Biotechnology for quality timber Biotechnology for biotic and abiotic tolerance Biotechnology for lignocellulose valorisation Phytoremediation
---	---	---	---	--	--	--	---	--	--	--	--	--	---	--	---	--	--	--	---



14th International Biotechnology Symposium and Exhibition

Biotechnology for the Sustainability of Human Society

14-18 September 2010 • Palacongressi, Rimini - Italy