Dear Colleague,

Thank you for agreeing on serving the Scientific Committee of the

**14th International Biotechnology Symposium and Exhibition (14th IBS)**,

organized under the auspices of IUPAC, by Alma Mater Studiorum-University of Bologna at the new Palacongressi of Rimini, which will be held in its campus in Rimini (Italy) in September 15-19, 2010. (see the First circular attached)

As you know, the 14th IBS is promoted by the Committee for Biosafety, Biotechnology and Life Sciences of the Italian Presidency of Council of Ministers, the Italian Chemical Society and the Italian Technology Platforms of the Life Science area in close cooperation with the European Technology Platforms of the same area, EuropaBio, EFB, ISEB, ESEB, OECD and other relevant international Institutions.

The overall aim of 14th IBS is to explore the advances, frontiers and applications of biotechnology for a healthier and more sustainable future and a knowledge-based bio-economy all over the world, and to strengthen relations between industry, research laboratories, government agencies on such strategic issues for human sustainability. The program will cover all aspects of biotechnology: Systems Biology for Biotechnological Innovation; Medical and Pharmaceutical Biotechnology; Animal Biotechnology; Industrial Biotechnology; Biotechnology for Bioenergy; Food Biotechnology; Plant Biotechnology; Forest Biotechnology; Environmental Biotechnology; Chemistry in Biotechnology to strengthen the Biobased Economy.

In addition, two Round Tables addressing key issues such as Biosafety & Bioeconomy and Biotechnology in the Developing Countries along with a final plenary section focused on the technical and political strategies for promoting the biotech RTD have been planned.

A dynamic and RTD-oriented programme, highly qualified speakers from Academia, Governmental Institutions, and industry will be other major features of the event. Brokerage Events, Stakeholders’ meetings and meetings related to European Framework Programs and International Projects will be hosted. A special emphasis will be also given to the presentation of outputs of European FP6 and FP7 and international RTD projects. A significant part of the programme will be covered by oral presentations selected from submitted abstracts. Finally, special issues of very qualified journals published by Elsevier, who is helping to organize the event, are offered.

Low registration fees, awards for excellent young scientists together with low accommodation costs in Rimini and post-conference activities such as excursions to major Italian cities (Bologna, Venice, Florence, Rome, Ravenna, etc.) are planned.

All other necessary details on the event are available at [www.ibs2010.org](http://www.ibs2010.org).

The Promoting Committee and I warmly invite you to help us in promoting the event in your Country, through the Institutions and Associations you are joining.

Thank you in advance for sustaining the 14th IBS!

Yours sincerely

Chair of the 14th IBS

Bologna, April 3rd 2009

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Full Professor of “Industrial & Environmental Biotechnology”
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Convenor
[Alma Mater Studiorum Università di Bologna](http://www.unibo.it)

Organizing Secretariat
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Co-Organizer
**Elsevier**
Brokerage Events and Stakeholders’ Meetings for European Framework Programs and International Projects will be hosted.

Particular emphasis will be given to the presentation of results of European FP7 and international projects within each session. Rooms for project/FP7 consortia meetings will be offered (free of charge), see the website www.ibs2010.org

KEY DATES AND DEADLINES
Request for meeting projects: 30 September 2009
Second circular and call for papers: 30 September 2009
Oral and poster abstract deadline: 22 January 2010
Notification of acceptance: 1 March 2010
Early registration deadline: 31 May 2010
Dear Colleague,

The Alma Mater Studiorum-University of Bologna is organizing the 14th International Biotechnology Symposium and Exhibition (14th IBS), at the new Palacongressi of Rimini – the largest and most technologically advanced congress centre in Italy - from September 15 to 19, 2010. Under the auspices of IUPAC, the IBS series, held every two years on a different continent, is a premier international biotechnology event. The 14th IBS is promoted by the Italian and European Technology Platforms of the Life Sciences area together with EuroBio, EFB, ISEB, ESEB and OECD. More information on who is supporting and sponsoring the event is available on the official website.

The overall aim of 14th IBS is to explore the advances, frontiers and applications of biotechnology for a healthier and more sustainable future and a knowledge-based bio-economy all over the world, and to strengthen relations between industry, research laboratories, government agencies, the private sector and universities on such strategic issues for human sustainability. A large participation of the international biotech industry, a dynamic and RTD-oriented programme, highly qualified speakers from academia, governmental institutions, and industry will be some of the major features of the event. Sessions specifically addressed to promote international RTD cooperation and the establishment of industry-academia consortia suitable also for European Framework Program applications will be organized. A significant part of the programme will be covered by oral presentations selected from submitted abstracts. In addition, special issues of very qualified journals published by Elsevier, who is helping to organize the event, are planned. Low registration fees, awards for excellent young scientists together with post-conference activities such as excursions to major Italian cities will facilitate the participation of all motivated colleagues and actors in the international biotechnology sectors. Sign up now for news updates at www.ibs2010.org to stay informed of all developments with the conference programme and organization.

Thus, in anticipation of meeting and working together on such challenging and crucial issues for our future, I extend to you a warm invitation to join us at the 14th IBS.

Yours sincerely

Fabio Fava Chair of the 14th IBS

www.ibs2010.org

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CONFERENCE SECTIONS AND CHAIRS

SECTION 1 PLENARY SESSION Systems Biology for Biotechnological Innovation
Chair: Thomas Hafer German Cancer Research Center, Germany
Co-Chairs:
Gianni Cesaren University of Rome “Tor Vergata”, Italy
Stefan Hohmann University of Gothenburg, Sweden
An-Ping Zeng Technical Universität Hamburg, Germany

SECTION 2 Medical and Pharmaceutical Biotechnology
Chair: Lilia Alberghina University of Milano-Bicocca, Italy
Co-Chairs: Gregory Stephanopoulos Massachusetts Institute of Technology, USA
Carmen Vela Olmo INGENISA, Spain
Yong-Su Zhen Chinese Academy of Medical Sciences & Peking Medical College, China

SECTION 3 Animal Biotechnology
Chair: Agostino Macrì Institute Superior of Health, Italy
Co-Chairs:
Keith Campbell University of Nottingham, UK
Ilaria Capuro IZSVe, Italy
Louis Charles Gasbarre Revive and Functional Genomic Laboratory, USDA, USA

SECTION 4 Jointly with ESB Industrial Biotechnology
Chair: Danilo Porro University of Milano-Bicocca, Italy
Co-Chairs:
Satoshi Harashima Osaka University, Japan
Willy Westraete University of Ghent, Belgium & ESB
Roland Wohlgemuth Sigma-Aldrich Corporation, Switzerland
Marcel Wubbolts DSM, The Netherlands & Chair III of ETP SusChem

SECTION 5 Biotechnology for Bioenergy
Chair: Francesco Salamini University of Milan, Italy
Co-Chairs:
Barbal Hahn-Hägerdal Lund University, Sweden
Veronique Hervouet TOTAL, France & Chair of ETP Biofuels
Andreas Schütte FNR - Fachagentur Nachwachsende Rohstoffe, Germany

SECTION 6 Food Biotechnology
Chair: Peter van Bladeren Nestlé, UK
Chair & Chair of ETP Food for Life
Co-Chairs:
Giovanni Giuliano ENEA, Italy
Christophe Lacroix ETH, Switzerland
Ben Van Ommen TNO, Nutrition and Food Research, The Netherlands

SECTION 7 Plant Biotechnology
Chair: Willem Gruissem Swiss Federal Institute of Technology, Switzerland & President of EPSO
Co-Chairs:
Peter Langridge Australian Centre of Plant Functional Genomics & University of Adelaide, Australia
Roberto Tuberosa Alma Mater Studiorum -University of Bologna, Italy
Qiya Zhang Zhong Hong Agricultural University, China

SECTION 8 Forest Biotechnology
Chair: Chair of ETP Forestry Co-Chairs:
Raffaello Giannini University of Florence, Italy
Steven Strauss Oregon State University, USA
Björn Sundberg University of Limerick, Sweden

SECTION 9 Jointly with ISEB Environmental Biotechnology
Chair: Piet Lens Wageningen University, The Netherlands & EFB
Co-Chairs:
Hisao Ohtake Osaka University, Japan & ISEB
Murray Moo Young University of Waterloo, Canada & ISEB
Eugenio J. Olguin Institute of Ecology, Mexico & ISEB
Eliora Z. Ron Tel Aviv University, Israel & FEEMS
Giovanni Sannia University of Naples “Federico II”, Italy
Ulrich Stotmeister Centre for Environmental Research, Germany & ISEB

SECTION 10 Contribution of Chemistry to Develop a Biotechnology Based Economy
Chair: Luigi Campanella University of Rome “La Sapienza”, Italy & SCI
Co-Chairs:
Bai Fengwu Italian University of Technology, China & IUPAC
Torbjorn Norin Royal Institute of Technology, Sweden & IUPAC
Peter Seeberger Swiss Federal Institute of Technology, Switzerland

ROUND TABLE 1 International Research Policies Coordinator:
Giuliano D’Agno The National Committee for Biosafety, Biotechnology and Life Sciences of the Italian Presidency of Council of Ministers, Italy.

ROUND TABLE 2 Biosafety, Food Security and Bioeconomy Coordinator:
Marc Van Montagu University of Ghent, Belgium & EFB

CONCLUSIVE PLENARY SECTION
Going from the Bench to Society: How to make it happen

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CONFERENCE COMMITTEES
For details of the International Scientific Committee, Local Promoting Committee and the Local Committee please visit www.ibs2010.org
CONVENOR

The Alma Mater Studiorum - University of Bologna was founded in 1088 and is considered to be the oldest university in Western Europe. Nowadays, it still remains one of the most important institutions of higher education across Europe. Some of the activities have been decentralised in four campus areas in the Emilia Romagna region (Cesena, Forlì, Ravenna and Rimini).

LOCATION

The conference will take place in the new Palacongressi di Rimini – the largest and most technologically advanced congress centre in Italy.

Rimini is an exciting venue for the conference combining history dating back to the Roman times, architecture and art from the Reconnaissance period with a modern day seaside atmosphere.

There is much to see and do while in Rimini from the famous Bridge of Tiberius - built 2000 years ago – to numerous museums including the Fellini Museum celebrating the life and films of one of Rimini’s most famous citizens.

Situated on Italy’s east Adriatic coast in the region of Emilia Romagna, Rimini enjoys a warm Mediterranean climate.

The location makes it possible to visit some of Italy’s other famous cities including Bologna, Florence and Venice.

Details on how to get there and information on accommodation will be available via the IBS2010 website.

JOIN THE MAILING LIST

Sign-up now for news updates and to register for your copy of the conference programme at www.ibs2010.org

THE ORGANIZERS

Convenor
Alma Mater Studiorum-University of Bologna

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 - ITAPABRE
  • Italian Food for Life
  • Italian Global Animal Health - ITPGAH
  • Italian Plants for the Future - ITPLANTS
  • NSG Forest Based Sector Italy
  • SusChem Italy
• National Committee for Biosafety, Biotechnology and Life Sciences of the Italian Presidency of Council of Ministers

Supporting Organizations
• 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
  • Global Animal Health
  • Plants for the Future
  • SusChem
• International Society for Environmental Biotechnology - ISEB
• International Union of Pure and Applied Chemistry - IUPAC
• Organization for Economic Co-Operation and Development - OECD

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