

5<sup>th</sup> World Congress on  
**Biotechnology**

Valencia, Spain June 25-27, 2014

In Collaboration with



**Conference Secretariat**

5716 Corsa Ave., Suite 110, West Lake, Los Angeles, CA 91362-7354, USA  
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# Invitation

It is a great honour and pleasure to invite you to the 5<sup>th</sup> World Congress on Biotechnology which will be held on June 25-27, 2014 at Valencia, Spain a joint meeting with the collaboration of European Biotechnology Thematic Network Association (EBTNA), Valencia Bioregion (BIOVAL), Federation of Spanish Biotechnologist (FEBiotec) and SILAE. The event will take place in the Valencia Conference Centre, one of the world's finest and best equipped conference venues.

The Biotechnology-2014 Scientific Committee is planning a very informative scientific programme which will comprise five keynote lectures, ten parallel streams, panel discussions, poster sessions and additional scientific symposia. We expect to attract more than 300 delegates mainly within Europe, apart from a substantial number across the globe.

5<sup>th</sup> World Congress on Biotechnology will be organized on the theme "Biotechnology: Meeting the Needs of a Changing World".

A full social programme that includes an Opening Ceremony, Welcome Reception, Cultural Lectures and much more will make your time unforgettable in Spain.

We invite you to visit the Biotechnology-2014 website regularly for the latest updates and news about the organization of the meeting.

With best wishes,

**Organizing Committee: Biotechnology-2014**

## Organizing Committee Members



**Mukesh Verma**  
National Institutes of Health (NIH)  
USA



**Lawrence E. Murr**  
University of Texas at El Paso  
USA



**Marisa Manzano**  
University of Udine  
Italy



**Ara Kanekanian**  
Cardiff Metropolitan University  
UK



**Luca Rastrelli**  
University of Salerno  
Italy



**Martin J. D'Souza**  
Mercer University  
USA



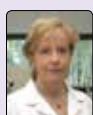
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National Research Council  
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Polytechnic University of Valencia  
Spain



**Manuel Perez Alonso**  
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**Yan Feng**  
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China



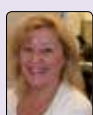
**Sergi Ferrer**  
The University of Valencia  
Spain



**Ruben Artero**  
University of Valencia  
Spain



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National Technical University of  
Athens  
Greece



**Graciela Brelles-Mariño**  
The National University of La  
Plata  
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**Damian F. De Andres Cara**  
University of Pamplona-CSIC  
Spain



**Zlatka Alexieva**  
Bulgarian Academy of Sciences  
Bulgaria



**Marina Vladimirovna  
Frontasyeva**  
Joint Institute for Nuclear  
Research  
Russia



**Manuel Martinez Garcia**  
University of Alicante  
Spain



**Nicola Pugno**  
University of Trento  
Italy



**Robert S. Marks**  
Ben-Gurion University of the  
Negev  
Israel



**Salvador Ventura**  
Autonomous University of  
Barcelona  
Spain



**Mohamed Mostafa A.  
Mohamed**  
United Arab Emirates University  
UAE

### Speech Opportunity Available!!

We invite you to attend and give a talk on the topic of your expertise to share your views and research with your peers at this event.

Submit your abstract today at: [biotechnology2014@omicsgroup.us](mailto:biotechnology2014@omicsgroup.us)

## Renowned Speaekrs



**Prof. Marc Van Montagu**  
(World Food Prize Laureates, 2013)  
University of Gent  
Belgium



**Prof. Roberto Gaxiola**  
Arizona State University  
USA



**Prof. Alain Goossens**  
University of Gent  
Belgium



**Dr. Martin D'Souza**  
Mercer University  
USA



**Prof. Ramon Serrano**  
Polytechnic University of Valencia-CSIC  
Spain



**Prof. Manuel Perez-Alonso**  
Instituto de Medicina Genomica  
Spain



**Dr. Mukesh Verma**  
National Institute of Health  
USA



**Prof. Cheorl-Ho Kim**  
Sungkyunkwan University  
Korea

## Confirmed Speaekrs Including

- **Richard Addo**, Union University, USA
- **Boguslaw Tomanek**, University of Calgary, Canada
- **Mariapia Viola-Magni**, Università degli Studi di Perugia, Italy
- **John SantaLucia Jr.**, DNA Software Inc, USA
- **Nikolai Zhelev**, Abertay University, UK
- **Alida Musatti**, University of Milan, Italy
- **Maria Rosa DC**, ELZABURU, S.L.P, Spain
- **Bernadette D'Souza**, Samford University, USA
- **Francisco J. Plou**, CSIC Institute of Catalysis, Spain
- **Oscar Vicente**, IBMCP, UPV-CSIC, Spain
- **Barbara Blasiak**, University of Calgary, Canada
- **Manuel Fuentes**, University of Salamanca-CSIC, Spain
- **Tomasz Warzecha**, University of Agriculture in Krakow, Poland
- **Paolo Ferruti**, INSTM, Italy
- **Flavio Finardi-Filho**, University of São Paulo, Brazil
- **Marina Diana**, University of Barcelona, Spain
- **Rieke Lohse**, University of Applied Sciences Bielefeld, Germany
- **Odunlade .A. K.**, Yaba College of Technology, Nigeria
- **Mohamed Mahmoud Sowilem**, NARSS, Egypt
- **Amal Eraky**, Assiut University, Egypt
- **Aida M. El-Zawahry**, Assiut University, Egypt
- **Amparo Pascual**, Universidad Politecnica de Valencia, Spain
- **Salvador Ventura**, Universitat Autònoma de Barcelona, Spain
- **Valery Pavlov**, CIC Bioma GUNE, Spain
- **Clara Iannuzzi**, Institute of Protein Biochemistry, Italy
- **Susanne Zeilinger**, Vienna University of Technology, Austria
- **Alexandre Nunes Ponezi**, State University of Campinas, Brazil
- **Kay Ohlendieck**, National University of Ireland, Ireland
- **Giuseppe Manco**, Institute of Protein Biochemistry, Italy
- **Andreia de A. Morandim**, Centro Universitário da FEI, Brazil
- **Manuel Martinez-Garcia**, University of Alicante, Spain
- **Marina.V. Frontasyeva**, Joint Institute for Nuclear Research, Russia
- **Zlatka Alexieva**, Bulgarian Academy of Sciences, Bulgaria
- **Benoît Serive**, Centre IFREMER Nantes, France
- **Belma Turan**, Ankara University, Turkey
- **V.Barbakadze**, TS MU Institute of Pharmacochimistry, Georgia
- **Özge Çelik**, Istanbul Kultur University, Turkey
- **Dilek Nartop**, Nevsehir University, Turkey
- **Hamed A. El-Serehy**, King Saud University, Saudi Arabia
- **Donatella de Pascale**, National Research Council, Italy
- **Bonilla-Rodriguez G.O.**, IBILCE-UNESP, Brazil
- **Aihua Liu**, Chinese Academy of Sciences, China
- **Munawar Hussain**, Tuebingen University, Germany
- **Yan Feng**, Shanghai Jiao Tong University, China
- **M. A. Martin**, Institute of Materials Science of Madrid, Spain
- **X. Gómez**, University of León, Spain
- **I. Zinicovskaia**, Joint Institute for Nuclear Research, Russia
- **Anni Keränen**, University of Oulu, Finland

## Sessions for the present conference will focus on

- Current Scenario of Biotechnology
- Biotechnology in Agriculture
- Biotechnology in Health Care
- Cancer and Genomics Research
- Petroleum and Environmental Biotechnology
- Immunology and Stem Cell Therapy
- Genetic Engineering and rDNA Technology
- Biochemistry, Cell and Molecular biology
- Microbiology and Marine Biotechnology
- Animal Biotechnology and Cell Culture
- Bioinformatics and Biosensor
- Food and Bioprocess Technology

## Supported by

- Journal of Biotechnology & Biomaterials
- Journal of Bioremediation & Biodegradation
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## Pre-Conference Workshop




**Preconference Workshop on**  
**DNA testing in Food Safety**  
 May 27, 2014, Scientific Park of Valencia University, Spain  
 In Association with


instituto de medicina genómica  
**imegen** | *life* technologies™

**Manuel Perez-Alonso**  
 Director, Instituto de Medicina Genómica, Spain

## Symposiums



**Symposium on**  
**GM crops to feed the world in the XXI century**  
**and the risks posed by the irrational**  
**opposition of radical ecologists**



**Ramon Serrano**  
 Polytechnic University of Valencia-CSIC, Spain



**Symposium on**  
**Biotechnology for waste water treatment**



**Marina Vladimirovna Frontasyeva**  
 Joint Institute for Nuclear Research Russia



**Symposium on**  
**Enzyme-Based Biosensors:**  
**Development and Application**



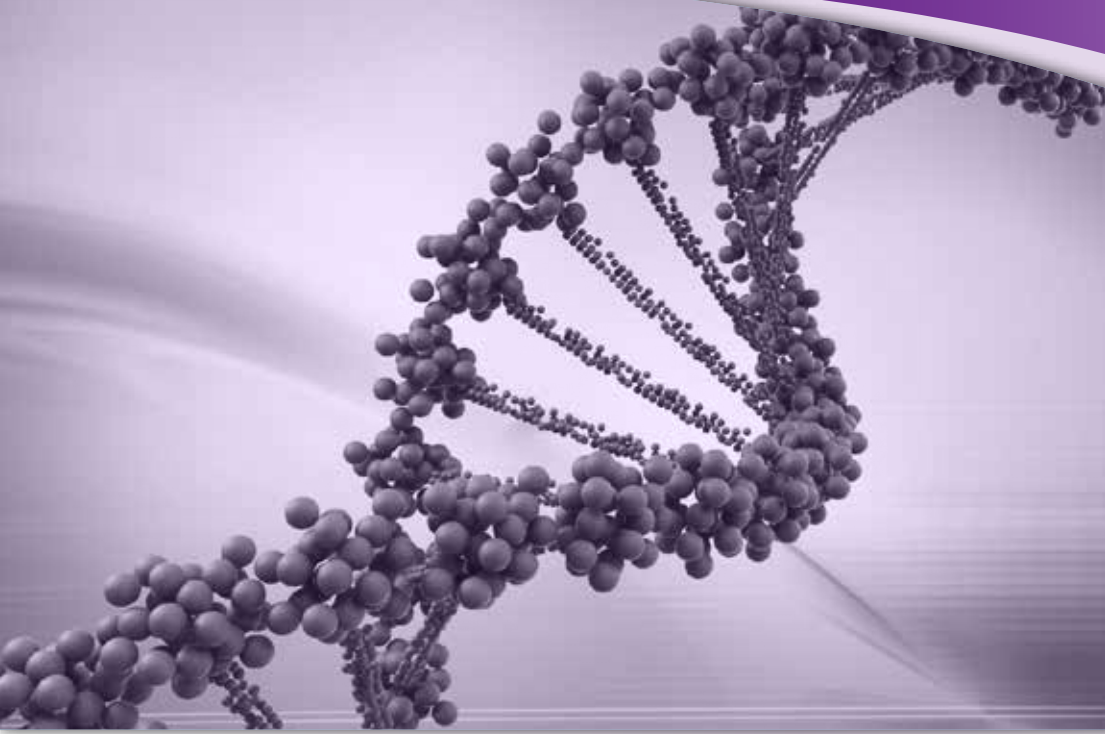
**Prof. Aihua Liu**  
 Chinese Academy of Sciences, China



**Symposium on**  
**Advanced Analytical Chemistry**  
**in Food Analysis**



**Prof. Luca Rastrelli**  
 University of Salerno, Italy



The field of Biotechnology is growing rapidly and its development is making tremendous impacts in medical sciences and pharmaceuticals. The importance and significance can be gauged by the fact that it has made huge advancements over the course of time and is continuing to influence various sectors.

### **Biotechnology-2014**

- Opportunity to attend the presentations delivered by eminent scientists from all over the world
- Selected contributions will be published in following OMICS Group Journals,
  - Journal of Biotechnology & Biomaterials
  - Journal of Bioremediation & Biodegradation
  - Journal of Bioprocessing & Biotechniques
- Participation in sessions on specific topics on which the conference is expected to achieve progress
- Global networking: In transferring and exchanging ideas
- Share your excitement in promoting Health care, Clinical R & D
- Conference brings together Scientific Researchers, Business Entrepreneurs and Pharma, Biotech & Healthcare, Industry Developers



## About Valencia

Valencia is one of the oldest cities in Spain, founded in the Roman period under the name “Valentia Edetanorum” (138 BC). It is the capital of the autonomous community of Valencia and the third largest metropolitan area of Spain with a population ranging from 1.7 to 2.5 million. The city is situated on the banks of the Turia, on the east coast of the Iberian Peninsula, fronting the Gulf of Valencia on the Mediterranean Sea. Valencia has a subtropical climate on the borderline of the Mediterranean climate and semi-arid climate with very mild winters and long warm to hot summers. Its average annual temperature is 22.3°C (72.1°F) during the day and 13.4°C (56.1°F) at night.

Its historic centre is one of the largest in Spain, with approximately 169 acres; this heritage of ancient monuments, views and cultural attractions makes Valencia one of the country’s most popular tourist destinations. Major monuments include Valencia Cathedral, the Torres de Serranos, the Torres de Quart, the Llotja de la Seda (declared a World Heritage Site by UNESCO in 1996), and the Ciutat de les Arts i les Ciències (City of Arts and Sciences), an entertainment-based cultural and architectural complex designed by Santiago Calatrava and Félix Candela.

In Valencia Public transport is provided by the Ferrocarrils de la Generalitat Valenciana (FGV) which operates the Metrovalencia and other rail and bus services. The Estació del nord (North Station) is the main railway terminus in Valencia. A new temporary station, Estación de València-Joaquín Sorolla, has been built on land adjacent to this terminus to accommodate high speed AVE trains to and from Madrid, Barcelona, Seville and Alicante. Valencia Airport is situated 9 km (5.6 mi) west of Valencia city centre. Alicante Airport is situated about 170 km (110 mi) south of Valencia. The City of Valencia also makes available a bicycle sharing system named ValenbiSi to both visitors and residents.





## Conference Details

### Venue

Valencia Conference Centre

Avenida de las Cortes Valencianas, 60 46015 Valencia, Spain

Phone: +34 (96) 317 9400, Fax: +34 (96) 317 9401

### Driving Direction to the Valencia Conference Centre From Valencia Airport

- Head southeast 79 m
- Take the ramp on the left to A-7/Castellón/E-15/Alicante/Manises 450 m
- Merge onto N-220 1.8 km
- Continue onto CV-365 2.8 km
- Continue onto Urb. Terramelar 500 m
- Keep left at the fork, follow signs for CV-35/Valencia and merge onto CV-35 2.6 km
- At the roundabout, take the 4th exit onto Av. de les Corts Valencianes 600 m
- At the roundabout, take the 5th exit and stay on Av. de les Corts Valencianes 350 m
- Turn right onto Carrer l'Alta Plancia 140 m
- Turn right onto Calle Valle de Ayora and destination will be on the right 33 m

### Registration Details

Register online

<http://biotechnologycongress.com/registration.php>

Register offline

[http://www.omicsgroup.com/conferences/ACS/conference/pdfs/biotechnology2014\\_eform.pdf](http://www.omicsgroup.com/conferences/ACS/conference/pdfs/biotechnology2014_eform.pdf)

### Important Dates

Abstract submission opens: July 24, 2013

Registration opens: July 24, 2013


Early bird registration: March 28, 2014

On spot registration: June 25, 2014



## About Us

### OMICS Group Journals

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### Special Issues

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## Reminiscence of Previous World Congresses

**4<sup>th</sup> World Congress on Biotechnology Raleigh-North Carolina, USA**  
Ara Kanekanian, Cardiff Metropolitan University, UK



**4<sup>th</sup> World Congress on Biotechnology Raleigh-North Carolina, USA**  
Jimmy T. Effrid, Brody School of Medicine, USA



**3<sup>rd</sup> World Congress on Biotechnology Hyderabad, India**  
Mukesh Verma, National Institutes of Health, USA



**3<sup>rd</sup> World Congress on Biotechnology Hyderabad, India**  
Jag H. Khalsa, National Institutes of Health, USA



**2<sup>nd</sup> World Congress on Biotechnology Philadelphia, USA**  
Dr. Gerd Schmitz, University Hospital Regensburg, Germany



**2<sup>nd</sup> World Congress on Biotechnology Philadelphia, USA**  
Lodewyk Kock, University of the Free State, South Africa



**1<sup>st</sup> World Congress on Biotechnology Hyderabad, India**  
David L. Vesely, University of South Florida, USA



**1<sup>st</sup> World Congress on Biotechnology Hyderabad, India**  
Dr. Christian Drapeau, Stemtech International, USA