

6th International Conference and Exhibition on Analytical & Bioanalytical Techniques

Dates & Venue: Sep 1-3, 2015 Valencia, Spain

(Theme: Review of Advancements and the Impacts of the Analytical & Bioanalytical Techniques)

About the Conference:

Analytica-2015 welcomes attendees, presenters, and exhibitors from all over the world to Valencia, Spain. We are delighted to invite you all to attend and register for the “**6th International Conference on Analytical & Bioanalytical Techniques (Analytica-2015)**” which is going to be held during September 01-03, 2015 in Valencia, Spain.

The organizing committee is gearing up for an exciting and informative conference program including plenary lectures, symposia, workshops on a variety of topics, poster presentations and various programs for participants from all over the world. We invite you to join us at the **Analytica-2015**, where you will be sure to have a meaningful experience with scholars from around the world. All members of the Analytica-2015 organizing committee look forward to meeting you in Valencia, Spain.

For more details please visit-

<http://analytical-bioanalytical.pharmaceuticalconferences.com/>

Importance & Scope:

Analytica-2015 aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all the latest research ideas in the field of Analytical and Bioanalytical Chemistry. It also provides the chance for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the fields.

Analytica-2015 is an international platform for presenting research about Analytical Science and Instrumentation, thus contributes to the dissemination of knowledge for the benefit of both the academia and business. This event brings together the top professionals in the field along with the highly affiliated professors to explore the advancements and latest applications achieved in the field of Analytical & Bioanalytical sciences. Analytica-2015 discusses Analytical and Bioanalytical techniques employed in Pharmaceutical and Life science fields which mark the support for the advanced and much needed research by their study on various topics. The scientific program will focus on current advances in the research and use of Analytical and Bioanalytical techniques with particular focus on its roles and applications in various fields.

Why Spain?

According to IMS (Intercontinental Marketing Services) Health study report, in 2011 Spain became the fourth largest pharmaceutical market in Europe with a market size of \$22.7 billion. The market is dominated by branded medicines with a share of about 88% value wise.

About 200 member companies of European Federation of Pharmaceutical Industries and Associations (EFPIA) operate in Spain. Presently, in Spain there are 1953 pharma companies including the subsidiaries, which are registered with the Agencia Española del Medicamento y Productos Sanitarios (AEMPS) for supply of medicinal products. Also, the manufacturing sites in Spain have received approvals from US Food and Drug Administration (US FDA), European Medicines Agency (EMA), Pharmaceuticals and Medical Devices Agency, Japan (PMDA).

Conference Highlights:

- Novel Approaches to Analytical and Bioanalytical Methods
- Advances in Chromatography and Mass Spectrometry
- Spectroscopy and Ultrafast Spectroscopy
- Nanotechnology Applications in Analytical Methods
- New Instrumentation and Equipment
- HPLC Analytical Method Development and Validation
- Analytical Proteomics and Metabolomics
- Environmental Analytical Aspects
- Electroanalytical Methods

Why to attend???

With members from around the world focused on learning about Instrumentation, Analytical and Bioanalytical Sciences; this is your single best opportunity to reach the largest assemblage of participants. Conduct demonstrations, distribute information, meet with current and potential customers, make a splash with a new product line, and receive name recognition at this 3-day event. World-renowned speakers, the most recent techniques, tactics, and the newest updates in fields are hallmarks of this conference.

A Unique Opportunity for Advertisers and Sponsors at this International event: <http://analytical-bioanalytical.pharmaceuticalconferences.com/Sponsorship.pdf>

Major Associations around the Globe

- American Chemical Society
- CASSS - An International Separation Science Society
- American Society for Mass Spectrometry
- Canadian Society for Analytical Sciences
- National Center for Electron Microscopy
- Society for Applied Spectroscopy
- Australian and New Zealand Society for Mass Spectrometry
- Midwest Microscopy and Microanalysis Society
- The Chromatographic Society (CSI) of India
- Society for Chromatographic Sciences (SCS, Japan)

Major Associations in Europe

- European Society for Separation Science
- The Chromatographic Society
- Czech Chemical Society
- Italian Chemical Society
- Swedish Mass Spectrometry Society
- British Mass Spectroscopic Society
- The Israeli Society for Mass Spectrometry – ISMS

Major Associations in Spain

- Spanish Society of Analytical Chemistry
- Spanish Society of Chromatography and Related Techniques
- Spanish Society of Mass Spectrometry
- Spanish Royal Society of Chemistry
- IUPAC, Analytical Chemistry Division-Spain

Target Audience:

Directors, Presidents & CEO's from companies, Chemical Instrument Vendors Professors and Students from Academia in the study of Analytical and Bioanalytical Sciences. Delegates from various Pharma & Instrumental companies from all over the world.

Target Audience:

- Industry 50%
- Academia 40%
- Others 10%

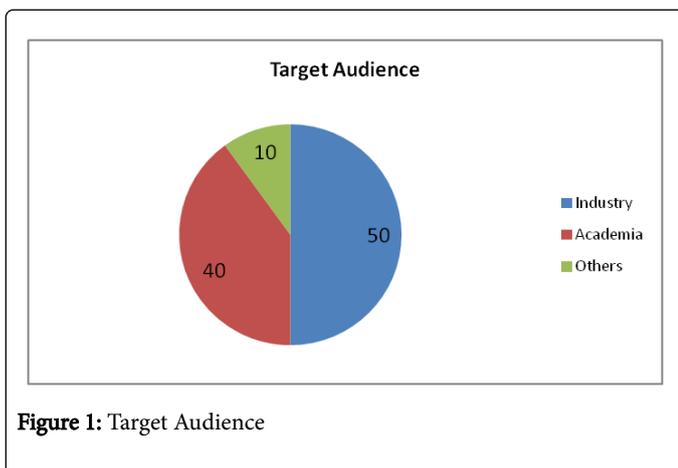


Figure 1: Target Audience

Top Universities in Europe:

- University of Oxford, UK
- University of Cambridge, UK
- University of Wien, Austria
- Technische Universität Berlin, Germany
- École Polytechnique Fédérale de Lausanne, Switzerland
- Université de Genève, Switzerland

Top Universities in Spain:

- Complutense University of Madrid
- University of Barcelona
- University of Seville
- University of Valencia
- University of Granada
- University of Alicante
- University of Granada

Applications of Analytical & Bioanalytical Sciences

Analytical-Bioanalytical methods and chemical instruments are used to:

- Develop new diagnostics, vaccines, and treatments to improve health
- Lift agricultural productivity
- Manage the environment through pollution and pest control and the use of organic materials to generate energy

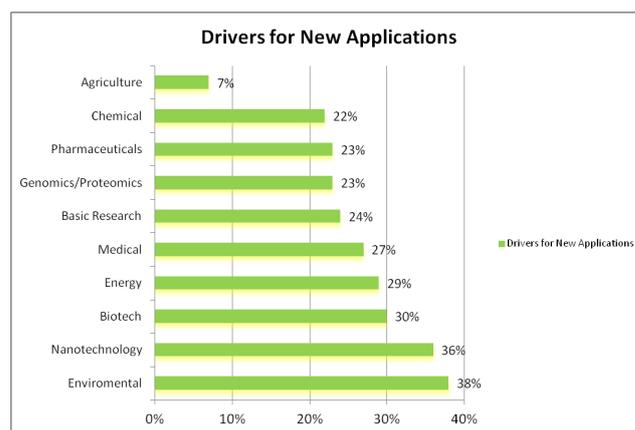


Figure 2: Drivers for new applications

Source: [Reference1](#)

Companies Associated with Analytical Instrumentation

- Mettler Toledo
- Thermo Fisher Scientific Inc.
- Perkin Elmer
- Affymetrix Inc.
- Illumina Inc.
- Waters
- Roche Diagnostics Inc.
- Bio-Rad Laboratories
- GE Healthcare
- Cinfa Laboratories
- Shimadzu Corporation
- Hitachi High-technologies Corporation (Japan)
- Siemens Healthcare Diagnostics (Germany) etc.
- Hilton Instruments Ltd., UK
- Oxford Instruments Industrial Analysis
- SPECTRO Analytical Instruments

Software Applications

Software applications enable us to maintain the data and helps in analytical method validation processes. These are the few software applications developed by few companies:

- Empower™ 2 and 3 Chromatography Data Software (CDS)
- OpenLab CDSVALIDAT
- ACD/Chrom-Processor
- ACD/SpecManager

Global Market

The global analytical chemistry and instrumentation market was estimated to be \$30.2 billion in the year 2011 and is expected to grow 8.4% from 2011 to 2016 to reach \$45.2 billion. Spectrometry segment has the largest share (33.8%) followed by chromatography (22%) in the year 2011. The spectrometry market is driven by the coupling of mass spectrometry with chromatography techniques, growing 7.4% from 2011 to 2016.



Figure 3: Global Market

Source: Reference2

The U.S., Japan and Germany dominate the development and manufacture of analytical instruments, according to a Laboratory Equipment reader survey.

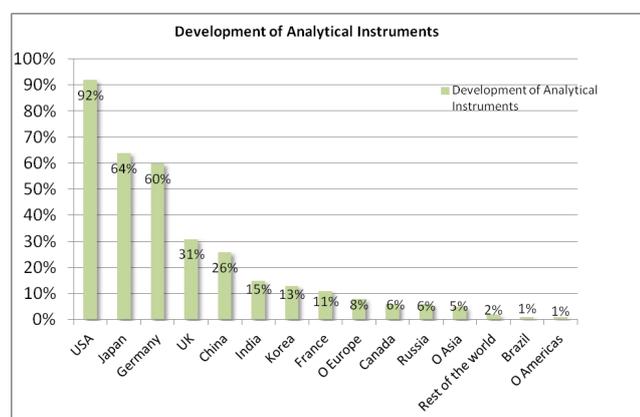


Figure 4: Development of Analytical Instruments

Source: Reference3

References:

1. <http://www.laboratoryequipment.com/articles/2010/02/changing-face-analytical-instrumentation>
2. <http://www.marketsandmarkets.com/PressReleases/life-science-chemical.asp>
3. <http://www.laboratoryequipment.com/articles/2010/02/changing-face-analytical-instrumentation>