



# analytica Anacon India

6<sup>th</sup> International Trade Fair for Laboratory Technology, Analysis, Biotechnology and Diagnostics  
12-14 OCTOBER 2011 | BOMBAY EXHIBITION CENTRE | MUMBAI

Conference on 'Analytical Technologies :  
Innovations driving the growth momentum in India'  
*focusing on Life Science, Food Safety and Pharmaceuticals*

The Westin Mumbai Garden City  
Mumbai  
12-14 October 2011



## Outstanding line-up of experts

### From industry

- Dr Somasekar Seshagiri, Genentech, USA
- Dr Venkat Manohar, Indian Institute of Chromatography & Mass Spectrometry
- Dr K Suresh, Serum Institute
- Dr Venkata Ramana, Reliance Industries
- Mr Ganadhis Kamat, Lupin Laboratories
- Dr. Min Meng, Tandem Labs, USA
- Dr. Umesh Banakar, Banakar Consulting Services, USA

### From regulatory affairs & institutions

- Dr K V Surendranath, United States Pharmacopeia
- Dr Sudip Ghosh, National Institute of Nutrition
- Dr Anurag Chaturvedi, Acharya NG Ranga Agri. University
- Dr. Viswanathan Nair, Seafood Park
- Dr G Jeyasekaran, Fisheries college
- Dr Ph Schmitt-Kopplin, Institute of Ecological Chemistry, Germany
- Dr. J. Jokiniemi, University of Eastern Finland
- Dr S Diabate, Karlsruhe Institute of Technology, Germany
- Dr J Namiesnik, Gdansk University of Technology, Poland
- Dr C W Huck, University of Innsbruck, Austria

### From instrumentation companies

- Dr J Weiss, ThermoFisher Scientific, Germany
- Mr Sunil Kulkarni, Agilent Technologies
- Dr H J Huebschmann, ThermoFisher Scientific, Germany
- Dr Patrick Bannett, ThermoFisher Scientific, USA
- Dr Zhan Zhaoqi, Shimadzu Asia Pacific, Singapore



fairs  
around the  
world



Day 1 - Wednesday, October 12, 2011

- 9.00 Registration
- 9.30 Inaugural Session
- 11.00 The Future of Personalized Genomics in Medicine  
Dr. Somasekar Seshagiri  
Genentech, USA
- 11.40 A perspective on the Vaccine industry in India-Challenges and Potential  
Dr. K. Suresh  
Serum Institute, Pune
- 12.20 Magnetic nanoparticles as carriers in drug delivery  
Challenges & Opportunities  
Dr. Venkat Manohar  
Indian Institute of Chromatography & Mass Spectrometry, Chennai
- 13.00 **Panel Discussion**
- 13.30 Networking Luncheon
- 14.15 Characterization of biopharmaceuticals using various analytical equipment  
Dr. Venkata Ramana  
Reliance Industries, Mumbai
- 15.00 From Metabolomics to Bioactivity directed separations: non-targeted screen of bioactive compounds using separation techniques and mass spectrometry  
Dr. Ph. Schmitt-Kopplin  
Helmholtz-Zentrum Munchen, Institute of Ecological Chemistry, Munich
- 15.40 Tea Break & Networking
- 15.50 Characterization of fine particle emissions from small scale biomass combustion  
Prof. Dr. J. Jokiniemi  
Dept. Environmental Science, University of Eastern Finland
- 16.30 In vitro studies of cellular and molecular mechanisms induced by particulate matter and nanoparticles in lung cells  
Dr. S. Diabate  
Institute of Toxicology and Genetics  
Karlsruhe Institute of Technology, Germany
- 17.10 **Panel Discussion**

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# Food Safety

Day 2 - Thursday, October 13, 2011

- |       |   |       |  |
|-------|---|-------|--|
| 9.00  | Registration  | 13.00 | Networking Luncheon  |
| 9.30  | Detection of genetically modified crops:<br>Indian scenario<br>Dr. Sudip Ghosh<br>National Institute of Nutrition, Hyderabad  | 14.00 | Workflow solution for PCB and dioxin<br>Analysis - POPs analysis from screening<br>to confirmation<br>Dr. H-J. Huebschmann<br>ThermoFisher Scientific Corp, Germany  |
| 10.10 | Determination of biogenic amines in food<br>using ion chromatography with suppressed<br>conductivity and integrated pulsed<br>amperometric detections<br>Dr. J. Weiss<br>ThermoFisher Scientific, Germany | 14.40 | Advantages of High Resolving LCMS<br>system (Q-TOF) in food analysis<br>Mr. Sunil Kulkarni<br>Agilent Technologies, Bangalore  |
| 10.50 | Tea Break & Networking  | 15.20 | Tea Break & Networking   |
| 11.00 | Food Safety and Seafood Products<br>Dr. Viswanathan Nair<br>Seafood Park, Kochi   | 15.30 | Need for food safety and quality<br>assurance in India<br>Dr. Anurag Chaturvedi<br>Acharya NG Ranga Agricultural<br>University, Hyderabad                            |
| 11.40 | Mercury Bioaccumulation in Baltic Sea<br>organisms from different trophic Levels<br>Prof. Dr. J. Namiesnik<br>Dept of Analytical Chemistry,<br>Gdansk University of Technology, Poland                    | 16.10 | Multiplex PCR assays for the rapid and<br>reliable detection of bacterial pathogens<br>associated with seafood<br>Dr. G. Jeyasekaran<br>Fisheries college, Tuticorin |
| 12.30 | Panel Discussion  | 17.00 | Panel Discussion   |

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# Pharmaceuticals

Day 3 - Friday, October 14, 2011

- |       |   |       |   |
|-------|---|-------|---|
| 9.00  | Registration  | 13.00 | Networking Luncheon   |
| 9.30  | Means to develop robust and rugged LC/MS/MS methods: situations and solutions<br>Dr. Min Meng<br>Tandem Labs, Salt Lake City, USA   | 14.00 | Strategies and methods for maximizing capability of mass spectrometer for impurity identification in pharmaceuticals<br>Dr. Zhan Zhaoqi<br>Shimadzu Asia Pacific, Singapore |
| 10.10 | Method development challenges and solutions for robust GLP methods<br>Dr. Patrick Bannett<br>ThermoFisher Scientific, USA   | 14.40 | USP India-activities and adoption of latest technologies in standards setting process<br>Dr. K V Surendranath<br>United States Pharmacopeia, Hyderabad                      |
| 10.50 | Tea Break & Networking  | 15.20 | Tea Break & Networking  |
| 11.00 | 'Failure Investigations'<br>Mr. Ganadhis Kamat<br>Lupin Laboratories, Mumbai  | 15.30 | Application of Quality by Design (QbD) to dissolution testing across various phases of drug development<br>Dr. Umesh Banakar<br>Banakar Consulting Services, USA            |
| 11.40 | Vibrational spectroscopy and separation science: strong partners for synergistic systematic bioanalysis<br>Prof. C.W. Huck<br>Institute of Analytical Chemistry, University of Innsbruck, Austria | 16.10 | Panel Discussion  |
| 12.30 | Panel Discussion  |       |   |

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# Conference on 'Analytical Technologies : Innovations driving the growth momentum in India'

*focusing on Life Science, Food Safety and Pharmaceuticals*

## Event Overview

The three day conference will be a unique experience to all the industry professionals and academicians to interact with experts in the chosen field of Life Science, Food Safety and Pharmaceuticals and will provide rare insights, comprehensive exposure, in-depth knowledge and great opportunity for networking. For the first time, we are bringing together experts from three different streams in one forum. You can customize your experience by registering for all the three days or the days of your choice.

## Highlights of the three day conference

**Day One** will focus on the advances in **Life Science** with lectures on future of personalized genomics in medicine, the challenges and potential in the vaccine industry, characterization of biopharmaceuticals, from metabolomics to bioactivity directed separations and much more.

**Day Two**, dedicated to **Food Safety**, will feature presentations on genetically modified crops, food safety in seafood, use of instruments like mass spectrometry, ion chromatography and PCR in food safety and quality assurance.

**Day Three** of the conference covers the **Pharmaceutical** industry with topics on LC/MS/MS method development, latest technologies in setting standards, bioanalysis for pharma and CRO, failure investigations, application of MS for impurity identification and Quality by Design for dissolution testing etc.

## Panel Discussions

Two panel discussions, one for every session on each day, will give delegates the opportunity to participate and interact with technical and regulatory experts who will dwell on recent and anticipated developments.

## Who should attend ?

The conference is designed for senior and middle level executives from pharmaceutical, healthcare, food industry, biotechnology, universities and research institutes.

Registering for the conference is easy, please send demand draft/cheque favoring **Indian Analytical Instruments Association** to No. 205, Solaris I, Saki Vihar Road, Powai, Mumbai-400072. For any clarification/details, send us a mail at [iaia@rediffmail.com](mailto:iaia@rediffmail.com) or contact **Sowmya 093677 88804** or **Aravind 099670 61333**

We look forward to welcoming you at what is sure to be a very interesting and highly relevant three day conference

### About IAIA

Indian Analytical Instruments Association (IAIA) is a professional body formed in 1997 and engaged in various facets of analytical instruments and technology. The association provides leadership in evolving new technologies for various market and application segments.

# Conference Registration

3 Day Conference on

'Analytical Technologies : Innovations driving the growth momentum in India'  
focusing on Life Science, Food Safety and Pharmaceuticals.

## Conference Venue & Registration Fee

Date : **12-14 October, 2011**

Venue : **The Westin Mumbai Garden City, Mumbai.**

Registration Fee :	Single day	Indian Delegate	₹ 10,000 + 10.3% Service Tax =	₹ 11,030
		International Delegate	US\$ 350 + 10.3% Service Tax =	US\$ 386.05
	Any two days	Indian Delegate	₹ 18,000 + 10.3% Service Tax =	₹ 19,854
		International Delegate	US\$ 600 + 10.3% Service Tax =	US\$ 661.80
	All Three days	Indian Delegate	₹ 25,000 + 10.3% Service Tax =	₹ 27,575
		International Delegate	US\$ 850 + 10.3% Service Tax =	US\$ 937.55

### Contact

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Please send DD/Cheque in favour of  
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