### February 22, 2018 (Thursday)

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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30 - 16:30 Hrs</td>
<td>BioPark Visit (Registrations closed)</td>
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| 18:00 - 19:30 Hrs | Inauguration of the 15th BioAsia Convention  
Presentation of Genome Valley Excellence Award to Prof. Michael Hall, Lasker Awardee 2017, Biozentrum, University of Basel, Switzerland |
| 19:30 - 20:00 Hrs | Inauguration and visit to the exhibition                                                   |
| 20:00 Hrs     | Welcome Reception (Only for Invitees)                                                      |

### February 23, 2018 (Friday)

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<tr>
<td>8:30 – 9:30 Hrs</td>
<td>Indo-Irish Power Breakfast Meeting (Only for Invitees)</td>
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| 10:00 - 10:20 Hrs | Keynote Address: Dr. Shreeram Aradhye, Chief Medical Officer, Novartis Pharma, USA  
*Speaker Introduction by Padma Shri Prof. D. Balasubramanian, Director (Research Emeritus), L.V. Prasad Eye Institute* |
| 10:20 - 10:40 Hrs | Keynote Address: Prof. Michael Hall, Lasker Awardee, Biozentrum, University of Basel, Switzerland  
*Speaker Introduction by Padma Shri Prof. D. Balasubramanian, Director (Research Emeritus), L.V. Prasad Eye Institute* |
| 10:40 - 11:00 Hrs | Keynote Address: Dr. Udit Batra, Member of the Executive Board, CEO Life Science, Merck, Germany  
*Speaker Introduction by Padma Shri Prof. D. Balasubramanian, Director (Research Emeritus), L.V. Prasad Eye Institute* |
| 11:00 - 11:30 Hrs | Networking Break & Visit to the Exhibition                                                 |
| **8:30 – 8:45 Hrs** | **Innovation & Exponential Medicine Conference**  
**Harnessing the power of Innovation to drive better & affordable medicine** |
| **11:30 – 12:30 Hrs** | **Plenary Address: Precision Oncology**  
Dr. Raghunadharao Digumarti (Medical Oncologist), Homi Bhabha |
| **10:00 – 10:15 Hrs** | **Cancer Diagnostics & Biomarkers Conference**  
Opening Remarks & Welcome Address  
Dr. Shanthi Naidu, Head of Department, Laboratory Medicine, Care Hospitals |
| **11:00 – 11:15 Hrs** | **Supply Chain & Logistics Conference** (In partnership with BSMA Europe)  
**Building the SCM Community of Indian Biopharma Industry**  
Welcome Address - Let Us Build the Global SCM Community for the Bio-pharma Industry |
| **10:45 – 10:50 Hrs** | **International Exhibition, Startup Showcase and Business Partnering** |

### External Innovation: How Life Sciences companies are bolstering R&D pipelines through deal-making

- Industry trends and emerging Partnership Models
- Internal Vs. External Innovation
- Role of Asia and India

Strategically sourcing external innovation through partnerships and licensing is a powerful tool for driving R&D productivity in an organization. A strong focus on operational excellence and innovation are critical to ensure shorter time-to-market. How to have a better collaboration and use these strategies effectively?
Industry 360° – Building the Supply Chain as a Core Competency of the Bio-pharma Industry of India (Panel Discussion)

Senior executives of the bio-pharma industry will address the challenges of internal enterprise integration for supply chain management, collaboration with trading partners, fostering a culture of quality assurance and compliance with governmental regulations. Issues of strategic sourcing, clinical trials management, contract research, transportation, and human resource development.

Speakers:

- Mr. Bruno Lucidi, CEO, Agentus Therapeutics
- Dr. Damodar Acharya, Former Director, Indian Institute of Technology, Kharagpur
- Mr. Lakshminarayana Neti, COO, Biological E Ltd.
- Mr. Mahesh Bhalgat, COO, Shantha Biotech
- Mr. Rajiv Nath, Forum Coordinator, Association of Indian Medical Device Industry
- Mr. Ravi Prakash Mathur, Global Head of Logistics & Supply Chain Excellence, Dr. Reddy’s Laboratories

Moderator: Prof. Devendra Mishra, Co-Founder and Executive Director, BSMA
Disruption in Healthcare and Life Sciences (Fireside Chat):

- Ms. Terri Bresenham, President & CEO, Sustainable Healthcare Solutions - GE Healthcare
- Ms. Sangita Reddy, Jt. Managing Director, Apollo Hospitals

Moderator:

- Mr. Sudeep Krishna, Head (Life Sciences), Deloitte

Invited Talk: Immunotherapy in Cancer - Current trends and future directions

- Dr. Prithviraj Jampana, Medical and Radiation Oncologist, Care Hospitals, Hyderabad

Invited Talk: How flow cytometry has influenced cancer diagnostics (with specific reference to Medical Oncology)

- Dr. Chirantan Bose, Head - Clinical & Flowcytometry – Danaher/Beckman Coulter Life

Enabling Innovation & Partnerships in Life Sciences to Improve Health for All (Invited Talk):
Session will focus on how Bill & Melinda Gates Foundation is structured in terms of vision, priorities, funding to address unmet global needs. Insights will be provided of the strategic endeavor of its Global Health division to leverage R&D for new products & make investments in Life Science Partnerships with government, public sectors, academia, & other institutions. The presentation will highlight the epidemiological transition being made by the Foundation from confronting communicable to non-communicable diseases.

- Dr. Harish Iyer, Senior Advisor, Scientific Programs, Bill & Melinda Gates Foundation India

Integrating Planning, Purchasing and Inventory Management for Optimal Patient Care in Life Sciences (Invited Talk):
In the diverse business initiatives of plasma proteins, biosimilars, pharmaceuticals and CRO services, the formidable challenge of delivering patient care is being met by integrating demand planning with purchasing, manufacturing, distribution, and management of inventory in the end-to-end supply chain. The presentation will cover the people, processes, systems, and technologies, which enable the realization of the patient care goal. Experience will be shared on how the organizational roadblocks were successfully encountered and what the current initiatives are to achieve global competitiveness.

- Mr. Surendra Deodhar, VP & Head - Materials Management, Reliance Life Sciences

12:30 – 13:30 Hrs
Disruption in Healthcare and Life Sciences (Fireside Chat):
Invited Talk: Immunotherapy in Cancer - Current trends and future directions

13:30 – 14:30 Hrs
Networking Lunch & Visit to the Exhibition

13:00 – 14:30 Hrs
Indo-Dutch Networking Lunch Meet (Only for Invitees)
The future belongs to Biologics - Is India ready to usher in this new era? (Panel Discussion)

The introduction of product patents in 2005 gave a boost to discovery of new drugs. However there are still obstacles in terms of the recent expansion of price controls and other regulatory hurdles. How can pharma companies work with the government to continue to innovate and come up with next-generation drugs?

Speakers:
- Dr. Krishna Ella, Chairman & Managing Director, Bharat Biotech International Ltd.
- Dr. Prabuddha Ganguli, CEO, VISION-IPR & Visiting Professor, Rajiv Gandhi School of Intellectual Property Law, Indian Institute of Technology Kharagpur
- Mr. Sanjiv Navangul, Managing Director, Janssen Pharmaceuticals, ‘Pharmaceutical companies of Johnson & Johnson’
- Mr. Jawed Zia, Country President, Novartis India Ltd.
- Dr. Taslimarif Saiyed, CEO & Director, C-CAMP
- Ms. Sheja Ethesham, Managing Partner, ALG LLP

Moderator: Mr. Utkarsh Palnitkar, Former Life Sciences Head, KPMG India

Session sponsored by OPPI & PhRMA

What diagnostics can offer & what are pitfalls that clinicians see Panelists (Panel Discussion):

- Dr. Raghunadharao Digumarti, Medical Oncologist, Homi Bhabha Cancer Hospital (TATA Memorial Centre), Vizag (Medical Oncology)
- Dr. C Sundaram, Former Dean & Sr. Prof. & HOD, Pathology, Nizam’s Institute of Medical Sciences, Hyderabad (Neuro-Pathology)
- Dr. Sirisha Rani, Pediatric Hematologist & Oncologist, Rainbow Hospitals
- Dr. Chirantan Bose, Head – Clinical & Flowcytometry – Danaher/Beckman Coulter Life
- Dr. Prithviraj Jampana, Medical and Radiation Oncologist, Care Hospitals

Chairman and Moderator: Dr. Shanthi Naidu, Head of Department, Laboratory Medicine, Care Hospitals

Optimizing Packaging and Transportation and Securing the Best-in-Class Ocean and Airfreight for Biologics and Pharmaceuticals from India (Panel Discussion):

Services to optimize freight over ocean and air will be presented for biologicals and pharmaceuticals from India to global markets. Practical solutions will be offered to meet customer demands with economy in mind.

Speakers:
- Mr. Alex Guillen, Former Global Cold Chain Director, Fisher Clinical Services
- Babettes Desfosse, Customs Attaché at Customs & Excise, Ministry of Finance, Belgium
- Mr. Prasad Deshpande – Vice President - Supply Chain Management, Biocon
- Mr. Chakravarthi AVPS, CEO & MD, Ecobliss
- Mr. Gubba Deepthi, Director, Gubba Cold Storage

Moderator: Prof. Devdip Purkayastha, Adjunct Professor - Entrepreneurship, Indian Institute of Technology, Mumbai, and Former VP, Strategic Business Development, DHL

Ensuring Product Quality and Integrity in the Emerging Cold Chain Network of Asia (Invited Talk):

Presentation from an emerging global biopharma enterprise of India highlighting logistics trends & a perspective for temperature-sensitive biomedicines for next 5 -10 years in Asia, examining key factors influencing Asia’s logistics networks, & discuss strategies & means undertaken to mitigate risk in product delivery. Solutions will be discussed for overcoming the Achilles’s heel of Cold Chain while leveraging India’s cost advantage to deliver affordable healthcare solutions to patients, partners & healthcare systems across globe.

Chairman: Mr. Prasad Deshpande, Vice President & Head, Global Procurement, Supply Chain, and Contract Manufacturing, Biocon Limited
Creating an Innovative Ecosystem: Role of Industry, Academia, Government, Service Providers and others (Panel Discussion):

Lifesciences today faces multiple challenges in the form of dying research pipeline, increasing cost of drugs & increasing monetary pressures on government. The quality of academic research output in India is improving, however it is lagging behind other significant Asian countries because of lack of facilities for collaboration, coordination, common platform to interact with industry & history of large focus on publications than patents/commercialization of technology. With accessibility & affordability of quality medicines being a priority for an economy, it is imperative that all stakeholders in the lifesciences domain collaborate to create an ecosystem that encourages innovation while factoring in the needs of the larger population.

Speakers:
- Dr. Tessy Thomas, Director ASL & Project Director for Agni-IV Missile, DRDO
- Dr. Gullapalli N Rao, Founder, LV Prasad Eye Institute
- Dr. S. Chandrasekhar, Director, CSIR- Indian Institute of Chemical Technology
- Dr. Uday Desai, Director, IIT Hyderabad
- Dr. Srinivas Rao, Global Head, Translational in vivo Models, Global Research Platform, Sanofi, USA
- Dr. Sudhir Kumar Singh, President – Discovery & Development, GVK Biosciences
- Mr. Feng Denghua, Chairman, Zhejiang Readycom Pharmaceutical Research Ltd.

Moderator:
Mr. Ajit Rangnekar, Director General, Research & Innovation Circle of Hyderabad (RICH)

Invited Talk: New Developments in Cancer Diagnostic Radiology
- Dr. Srinivas Raju, Medical Director & Consultant Radiologist, Apollo Radiology International

Revolutionizing Bio-production: Cracking the Da Vinci Code! (Panel Discussion):
Insights will be provided of a game-changing innovation in significantly reduced-sized manufacturing facilities to enable the economic expansion of capacity with quality and reliability.
- Mr. Benjamin Damien, Director of Business Operations, Univercells
- Mr. Uday Ulhe, Sales Manager -SE Asia, Univercells

Invited Talk: Diagnostics & biomarkers in gastrointestinal cancers
- Dr. Santosh Enaganti, Gastroenterologist, Continental Hospitals

Invited Talk:
- Dr. Jugnu Jain, Co-founder and CSO, Sapien Biosciences

Personalized Medicine – Welcome to the Brave New World! (Panel Discussion)
The challenges of developing innovative products that harness a patient’s own immune system to target and kill cancer cells is a paradigm of cancer treatment for the 21st century. The supply chain for such products is personalized, rendering its design, development, and execution to be unprecedented. The establishment of processes for manufacturing and logistics, with real time controls, is a pioneering endeavor.

Speakers:
- Mr. Abhinav Thakur, Managing Director, Accurex Biomedicals
- Mr. Franck Toussaint, Co-founder, BSMA
- Mr. Bruno Lucidi, CEO, Argentus
- Mr. Vishal Gandhi, Founder & CEO, Biorx

Moderator: Mr. Mahesh Bhalgat, COO, Shantha Sanofi

Brexit – Trials and Tribulations for the Life Sciences Supply Chain Industry (Invited Talk):
The current status of Brexit & its potential impact on trade with India will be comprehensively presented. Recognizing its impact on the overall supply chain, the consequential considerations of logistics hubs, manufacturing centers, potential HQ’s and even tax shelters will be discussed.
- Mr. Franck Toussaint, Exécutive Director, BSMA Europe, CEO, Biolog Europe
Transportation Qualification Strategy in Compliance with International Standards (Invited Talk):
Temperature sensitive products should be shipped at the required temperature specifications and conditions. In order to meet these requirements Operational Qualification is a key element of the full package of qualification to demonstrate robustness of the system. An example of OQ for temperature truck will be shared.

- Mr. Eric Stener, Vice President, Global Supply Chain, Sanofi

### 17:30 - 18:00 Hrs
Networking Break & Visit to the Exhibition

### 18:00 - 19:30 Hrs
**CEO CONCLAVE – “THE PRESCRIPTION FOR PROGRESS - Growth amidst Change in Indian Lifesciences”**
The BioAsia 2018 CEO Conclave will explore the key recent developments in the Indian Life Sciences industry and the actions that manufacturers and the government are taking to ensure holistic growth, with a focus on putting patients first.

Chair: Mr. Suresh Prabhakar Prabhu, Hon’ble Minister of Commerce & Industry, Government of India
Co-Chair: Mr. KT Rama Rao, Hon’ble Minister of Industries & Commerce, Govt. of Telangana

Panelists:
- Mrs. Kiran Mazumdar Shaw, Chairman & Managing Director, Biocon Ltd.
- Mr. Satish Reddy, Chairman, Dr. Reddy’s Laboratories
- Mr. Jawed Zia, Country President, Novartis India Ltd
- Dr. Philip Larsen, Head of TA Diabetes Research & German HUB Chief Scientific Officer, Sanofi
- Mr. Gregory Reh, Vice Chairman, US & Global Life Sciences Sector Leader, Deloitte

Moderator: Ms. Ekta Batra, Anchor & Associate Editor – Research, CNBC TV18

### 19:30 Hrs
Networking Dinner (Only for Invitees)

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**February 24, 2018 (Saturday)**

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<th>Event Description</th>
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<tr>
<td>8:30 – 9:30 Hrs</td>
<td>Indo-South Africa Power Breakfast Meeting (Only for Invitees)</td>
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<tr>
<td>10:00 - 10:30 Hrs</td>
<td>Keynote Address: Dr. Sanat Chattopadhyay, Executive Vice President and President (Manufacturing), Merck &amp; Co. Inc., USA</td>
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*Speaker Introduction by Dr. Makarand S Jawadekar, Former Director, Pfizer, USA & International Advisory Board Member, BioAsia*

**Evolving Regulations Conference**
*Friend not Foe*

**Digital Health, Analytics & Artificial Intelligence Conference:**
*Role of Digital in Empowering Pharma Companies*

**International Exhibition,**
### Emerging applications of biotechnology and pharmaceuticals – FDA perspectives

Advances in science and technology have dramatically altered the Pharmaceutical & biotechnology landscape in the past few decades. Newer techniques, such as gene transfer and genome editing, now make it possible to more efficiently and precisely provide new function, deliver therapeutic genes and alter the genome of plants, animals, and microorganisms to produce desired traits. Such emerging technologies have broad applications across the medical, food, and environmental sectors, with potentially profound beneficial effects on human and animal health. However, there are also potential risks ranging from how the technology affects individual genomes to its potential environmental and ecosystem impacts. FDA experts will highlight the agency’s proactive efforts and readiness to help ensure the safety of the next generation of pharmaceutical & biotechnology products, including cell and gene therapy products.

**Keynote:**
- Dr. Raj Puri, Division Director, Division of Cellular and Gene Therapies, Center for Biologics Evaluation and Research, US FDA

**Speaker:**
- Dr. Ritu Nalubola, Senior Policy Advisor, Office of Policy, Office of the Commissioner, US FDA

**Session Organized by:**
- [FDA U.S. FOOD & DRUG ADMINISTRATION](#)

### Beyond the Pill

- Patient centric initiatives
- Leveraging the Power of Analytics to Aid Decision-Making
- Patient outcomes analytics
- Predictive analytics
- HEOR and its role in global markets

Healthcare stakeholders have an unprecedented level of data available to them, although at times this can be stored in different silos across the organization. What are the leading practices in leveraging the power of analytics to mine data and aid in decision-making for patient outcomes, predictive analytics, and health economics and outcomes research? This session will focus on the emergence of analytics and sample use-cases in action.

**Speakers:**
- Mr. Pankaj Sahni, CEO, Medanta Medicity
- Mr. Partha Dey, Healthcare Leader, IBM India/South Asia
- Mr. Aniruddha Rajurkar, VP & India Commercial Head, Dr. Reddy’s Laboratories Ltd.
- Mr. Venugopal Reddy Kandimalla, SVP & Global Head of Healthcare & Life Sciences, Tech Mahindra
- Mr. Vikas Bhall, Sr Director of Ultra Sound Design & Development, Philips, India

**Moderator:** Mr. Anubhav Asthana, Managing Director – Consulting, Deloitte

### Networking Break & Visit to the Exhibition

<table>
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<th>Time Slot</th>
<th>Session Title</th>
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<tr>
<td>10:35 – 11:45 Hrs</td>
<td>Emerging applications of biotechnology and pharmaceuticals – FDA perspectives</td>
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<tr>
<td>11:45 – 12:15 Hrs</td>
<td>Networking Break &amp; Visit to the Exhibition</td>
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<td>Time</td>
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| 12:15 – 13:30 | Global Regulator’s playbook for quality and compliance in Manufacturing & Computerized systems  
• Evolving Quality Standards in Pharma Regulation  
• Pharmaceutical Quality Systems  
• Changes in technology/development process and its impact on validation/ agile method  
• Use of Automation tools for CSV/ RPA for testing and review of SDLC documentation  
• Need for automated APR/ PQR reporting & Quality Metrics dashboard  
Life sciences manufacturers are witnessing a significant amount of change and new initiatives in the regulatory environment. The draft pharmaceutical policy, bioequivalence requirements, and mandatory skill certification are just some of the recent developments. In this session, panelists will share their experience on the real issues that are driving these changes as well as best practices for manufacturers to adapt and respond effectively.  

Opening Remarks:  
• Mr. Andrei Spinei, Scientific Administrator, Manufacturing & Quality Compliance, Committees & Inspection Department, EMA, UK (15 Mins)  

Moderated Discussion and Q&A (25 Mins):  
Speakers:  
• Mr. Suryamohan Surampudi, Head, Plant IT GxP Assurance & Administration, Dr. Reddy’s Laboratories  
• Dr. M Damodharen, Vice President, Quality, Sai LifeSciences  
• Mr. Venkatesh Bangale, Head Compliance, J&J (APAC Region)  
• Mr. Sachin Bhandari, Head CSV, Sun Pharmaceuticals  

Moderator: Ms. Anju Ghangurde, Deputy Editor Asia, Informa  

A win-win relationship: Collaboration between Pharma companies and HealthTech companies  
• Existing models of collaboration between pharma & digital startups  
• Recent examples of successful collaboration  
• Future trends in collaboration  

With the emergence of Digital IT startups in life sciences and healthcare, there are a number of different models for pharma companies to collaborate with new businesses and even encourage innovation in key areas. Besides partnerships, there could also be incubation models involving startups, educational institutions and the government. This session will explore recent examples of successful collaboration as well as future trends.  

Speakers:  
• Dr. Uwe Gottschalk, Chief Scientific Officer, Lonza, Switzerland  
• Mr. Subodh Deshmukh, SVP & Head - Global Drug Development, Novartis, India  
• Mr. Kshitij Marwah, Founder & CEO of Tesseract Inc.  
• Mr. Vikas Chauhan, Co-Founder, 1 Mg  

Moderator: Mr. Mahadevan Narayananmoni, Senior Advisor, TPG Growth  

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<td>13:30 – 14:30</td>
<td>Networking Lunch &amp; Visit to the Exhibition</td>
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| 14:30 – 15:45 | Regulatory landscape in the Pharma eco-system  
• Regulatory standards for enforcements/ Managing Heightened Regulatory Pressure  
• Increasing use and reliance on Technology to support compliance  

Funding the Next Wave of Growth in Healthcare  
• Current investment focus within healthcare  
• Major drivers for investments  
• Opportunities for emerging players/start-ups  

International Exhibition, Startup Showcase and Business Partnering  

International Exhibition, Startup Showcase and Business Partnering
Healthtech startups have attracted significant funding from venture capitalists and other investors. Cities like Bangalore, Hyderabad, and Gurgaon have become hubs for healthcare investment. What are the sub-sectors and segments drawing the most attention, and what do investors look for in a digital health startup? This session explores the investment themes and trends in Funding the Digital Wave.

Speakers:
- Mr. Vishal Bali, Co-founder & Chairman of Medwell Ventures, and Asia Head – Healthcare, TPG Growth
- Dr. Nandini Tandon, Founder and CEO, Tenacity Global Group Inc., Silicon Valley, USA
- Mr. Vishy Chebrolu, Managing Director, InvAscent
- Mr. Milind Shah, Venture Partner, Unitus Seed Fund
- Mr. Deepak Gaur, SAIF Partners
- Mr. Virendra Pandey, Director & Head, Healthcare & Lifesciences, Investment Banking, Spark Capital Advisors (India) Private Limited

Moderator: Mr. Sudeep Krishna, Head (Life Sciences), Deloitte