

# CAPTIVATING PRESENTATIONS FROM INDUSTRY EXPERTS



## Digitalization in Pharma: Is it a Promise, an Opportunity, or a Challenge?

Dr. Katalin Ganzler

Analytical Consultant Development Directorate, Gedeon Richter Plc., Hungary

Digitalization may be a welcoming change for the pharmaceutical industry to relieve the growing challenges such as supply chain complexity, cost, regulatory pressure, and more. Dr. Katalin will be discussing how the accelerating rise of digital technologies will give the pharmaceutical industry today a stronger competitive edge.

## Digital Transformation of Drug Discovery

Dr. Muralidhararao Bagadi

Senior Group Leader, Biocon BMS R&D Center (BBRC), Syngene International Ltd., India

Digitalization is set to transform Drug Discovery towards higher efficiency, productivity, and accuracy. Dr. Muralidhararao will cover a comprehensive range of aspects, including LC method development, metabolomics workflow, the use of deep-learning technologies in analysis, and more.



## "iFactory" Project

Dr. Nagatoshi Koumura

Team Leader, National Institute of Advanced Industrial Science & Technology, Japan

Continuous manufacturing is the rising trend in the pharmaceutical industry to achieve lower costs, higher productivity, and better product quality. Dr. Koumura will be sharing how the future of continuous manufacturing can become a reality at a commercial scale through the "iFactory" project containing flexible modules of "iCube".



## **Future of Drug Discovery**

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Dr. Narayanan Balaji  
Principal Scientist, Jubilant Biosys Limited, India

The future of Drug Discovery will be shaped by high throughput analysis and data-driven decisions. Dr. Narayanan will be providing valuable insights from his years of experience in analytical method development to talk about high-throughput screening strategies, the use of machine learning tools, and digitalization technologies to translate data into discoveries.

## **Advanced Pharmaceutical Ingredient Manufacturing Enabled by QC Lab-on-a-Cart**

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Dr. Eric Fang  
Chief Scientific Officer, Snapdragon Chemistry, Inc., USA

Continuous manufacturing is one of the emerging key trends gaining strong momentum in the pharmaceutical industry today. Dr. Fang will be sharing his innovative concepts of how the QC Lab-On-a-Cart, which he created, can enable real-time analysis for autonomous reaction optimization and reaction monitoring.



## **Advancement in Vaccine Manufacturing**

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Dr. Wenli Hou  
Vice President, Chengdu Kanghua Biological Products Co. Ltd., China

The production of biological products and vaccines at a large scale can face multiple technical challenges. Dr. Hou will be sharing crucial industry insights on how technological advancements in incubation and purification processes can make a difference in producing vaccines with high safety, efficacy, and purity.

# THOUGHT-PROVOKING PANEL DISCUSSION

Learn from our industry experts and gain valuable insights about the impact of digital transformation in the pharmaceutical industry. With our diverse range of speakers, you will get a holistic perspective on the field's key trends and latest developments.



## **Dr. Prasad KPP (Moderator)**

Vice President, Site Leader, Tessa Therapeutics Ltd., Singapore

Dr. Prasad is our moderator for this highly anticipated panel discussion. Dr. Prasad's expertise lies in drug production and formulations, be it small molecules or large biologics drug substances. He will be sharing his thoughts about the wave of the digital revolution within the pharmaceutical industry.



## **Dr. Venugopala Rao Korlam**

Head - Analytical Development Unit 1, Novartis Healthcare Pvt. Ltd., India

Specializing in innovation and development of new technologies or novel software, Dr. Venugopala works on expanding technical capabilities for higher productivity. Drawing from his wealth of experience, he will be sharing critical insights on how new technologies will transform drug discovery.



## **Ms. Lathalu Krishnamoorthy**

Quality Manager, ICM Pharma Pte Ltd, Singapore

With the ever-evolving regulations, Ms. Krishnamoorthy specializes in helping organizations step up and meet the increasingly stringent requirements with complete compliance. In the panel discussion, she will be sharing her thoughts on the role of medium-sized companies today in the pharmaceutical industry.



## **Mr. Masami Tomita**

Deputy General Manager, Shimadzu Corporation, Japan

Mr. Tomita is well-versed in the current challenges and the latest analytical development trends in the pharmaceutical field. To meet the rising demand for digitalization, he will be sharing Shimadzu's new launch of the first-ever Mechatronics Business unit in the industry and how this forward-looking business unit can successfully drive the digital transformation in the industry.



## **Dr. Nagatoshi Koumura**

Team Leader, National Institute of Advanced Industrial Science & Technology, Japan

With surging interest in continuous manufacturing to modernize the pharmaceutical industry, Dr. Koumura brings us a step closer to this future through the "iFactory" concept. He will illustrate the use of the modules, "iCube", in constructing the manufacturing system to synthesize desired products.