GEA-NUS Pharmacological Processing Research Laboratory celebrates
GEMA-NUS 20th Anniversary
with
Pharmaceutical Technology Symposium
“The Science of Excipients & Innovative Technologies”

GEA-NUS Pharmaceutical Processing Research Laboratory was established in April 1997 in the Department of Pharmacy, NUS under the auspices and support of the National Science and Technology Board (currently known as A*STAR), NUS and GEA. Since 1997, GEA-NUS has progressed into a renowned pharmaceutical technology research centre and continues to host individuals who are dedicated to advancing pharmaceutical science and technology, nurturing many competent professionals and assisting pharmaceutical companies to maintain or improve their competitive edge in the global market.

This year marks yet another milestone for the laboratory dedicated to pursuing research in pharmaceutics and the provision of training and solutions to the pharmaceutical industry. In this journey, excipient and equipment companies have been pivotal in supporting the activities of GEA-NUS since its inception. It is therefore rightful that this symposium is dedicated to the science of excipients and innovative technologies. We hope to host a sharing forum to learn the latest about excipients and innovative process science.

Pharmaceutical Technology Symposium
Advances in Technologies for Granulation and Pelletisation
Dhileep Patten, GEA Process Engineering
Excipients Up-to-Date - the Importance of Stakeholder Engagement with USP
Orilla Koo, Bristol-Meyers Squibb Company
Process Excellence by Continuous Twin Screw Granulation and Fluid Bed Brying
Richard Steiner, GEA Pharma Systems
Innovative Binders for Pharmaceutical Application
Umakanth Kannan, BASF SEA
Natural Solutions for Challenging Tablet Formulations
Tan Bing Nin, Boehrte Asia Pacific
Rheological and Mechanical Analyses of Felbinac Cataplasms Using Box-Behnken Design
Yuhan Zhu, Nanyang Tech University
Industry Perspective on Oral Formulations for Paediatric Patients
David Cheng Yuan Tan, Abbve Inc.
Recent Trends in Oral Solid Dosage Delivery & Innovative Solutions
Glenn Russell, Colorcon Asia Pacific
Roller Compaction: Nip and Pits
Bernice Tan, ANGA Chemical Company Tablet Compression Tooling
Dale Nahi, Natoli Engineering Company MUPS Tableting: the Art and Science
Xu Min, Glaxo Wellcome Manufacturing
Innovative Mill Equipment Designs and PSD Simulators Help Improve Particle Quality and PSD Predictability
Wil Sanguessa, Quadro Engineering/The Fitzpatrick Co.
Customised Release Profiles by Eudragit® Polymers
Leo Chin Chiat, Evonik (SEA)
Case Study - Implementation of CU-NIR PAT System
Wong Poh Mun, Novartis Singapore PM
The Future of Healthcare Supply Chain
Oh Ching Mien, ST Healthcare

Confirm speakers
Pre-Symposium Analytical Workshop
Using LC for Raw Material & Final Product Quality Control
David Chan, Shimadzu Asia Pacific
The Important but Overlooked Applications in Pharma
Sandhya Nargund, Shimadzu Asia Pacific

Programme
13 December 2017
1300-1800 hrs
1830 hrs

14 December 2017
1400-1800 hrs
1830 hrs

15 December 2017
0900-1800 hrs
1830 hrs

16 December 2017
0900-1100 hrs

Analytical Workshop
Welcome Reception
Symsposium Day 1
Symsposium Day 2
Complimentary Gala Dinner
Visit GEA-NUS

Objectives
This celebratory 20th Anniversary Pharmaceutical Technology Symposium will include an analytical workshop by Shimadzu showcasing the latest analytical equipment for the pharmaceutical industry. Lectures will be followed by a tour of the service centre of Shimadzu at Science Park. A two-day Symposium will follow, with speakers covering a wide range of topics on pharmaceutical excipients and innovative process technologies.

More to come...

Who Should Attend
Personnel involved in R&D and manufacture of pharmaceutical products:
✓ Quality assurance/ Quality control
✓ Product formulation and development
✓ Production, Contract manufacturing
✓ Pharmaceutical excipient marketers

Please note: Information provided is only a guide for the workshop and symposium. Contents may be modified, in cases of unforeseen circumstances.

FOR MORE DETAILS AND REGISTRATION:
www.geanus.nus.edu.sg

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