

SEMINAR PROGRAM*

DAY 1: 17 JUNE 2019 (Monday)

TIME	ACTIVITY / LECTURE	PRESENTER
07.30-08.15	Registration	
08.15-08.30	Opening	Dean of Faculty of Pharmacy
08.30-09.20	Size reduction improves particles by design	Wilf Sangüesa
09.20-10.10	Wet granulation by high shear and fluid bed	Dilwyn Patterson
10.10-10.30	Morning Tea	
10.30-11.20	Dry granulation by roller compaction	Fraser Gow
11.20-12.10	Importance of powder flowability – problems and solutions	Hui Ping Goh
12.10-12.30	Discussion (Q&A) – 1 st session	
12.30-13.50	Group Photo & Lunch	
13.50-14.40	Advances in methods for drug-excipient compatibility studies	Likun Wang
14.40-15.30	Multipartulates – production and FlexStream coating	Dilwyn Patterson
15.30-15.50	Afternoon Tea	
15.50-16.40	Design and production of MUPS tablets	Paul Heng
16.40-17.30	Continuous manufacturing – concept and implementation	Dilwyn Patterson
17.30-17.50	Discussion (Q&A) 2 nd session	
19.00-21.00	Seminar Dinner	

DAY 2: 18 June 2019 (Tuesday)

TIME	ACTIVITY / LECTURE	PRESENTER
07.30-08.30	Registration	
08.30-09.20	Powder compaction: how tableting instruments can speed up product development	Bruno Leclercq
09.20-10.10	Making good tablets – process solutions	Hui Ping Goh
10.10-10.30	Morning Tea	
10.30-11.20	Tool standards, options, inspection and troubleshooting	Dale Natoli
11.20-12.10	Recent advances in film coatings for pharmaceutical and nutritional applications	Andita Pra Darma
12.10-12.30	Discussion Q&A (1 st session)	
12.30-13.30	Lunch	
13.30-14.20	Blister packaging design and development for pharmaceuticals	Kevin Carter
14.20-15.00	Product stability – understanding moisture and its role	Paul Heng
15.00-15.20	Afternoon Tea	
15.20-16.10	Predict long-term product stability profile by highly accelerated stability studies	Likun Wang
16.10-16.50	Solubility enhancement of poorly soluble active pharmaceutical ingredients	Dwi Setyawan
16.50-17.10	Discussion - Q&A 2 nd session	
17.10-17.20	End of Seminar/Closing	Committee

*Timetable is subject to change



CALL FOR POSTER
Abstract submission
deadline : 24 May 2019

PHARMACEUTICAL TECHNOLOGY SEMINAR 2019

17-18 June 2019

Faculty of Pharmacy Universitas Airlangga
Gedung Nanizar Zaman Joenoes
Kampus C Mulyorejo, Surabaya, Indonesia

ORGANIZED BY :

- Department of Pharmaceutics, Faculty of Pharmacy Universitas Airlangga, Indonesia
- GEA-NUS PPRL, National University Singapore, Singapore

HOSTED BY : Faculty of Pharmacy Universitas Airlangga, Surabaya, Indonesia

UNDER PROCESS FOR CREDIT EQUIVALENCY (SKP)
FROM IKATAN APOTEKER INDONESIA (IAI)

SPEAKERS



Paul Heng has a basic degree in pharmacy and PhD (1985) from the National University of Singapore. He has since joined the National University of Singapore where teaches pharmaceutical technology. He served as Head of Pharmacy Department, 2000-2004 and is the Principal Investigator for

GEA-NUS PPRL, a research laboratory focused in pharmaceutical process and product development. His research interest is in solids - multiparticulates, tablets, excipients, controlled release systems - and in encapsulation technologies. He has successfully supervised over fifty doctorate students and has over 285 international refereed research journal articles along with several book chapters and patents. He is the editor-in-chief of the Asian J Pharm Sci and sits on the editorial boards of many pharmaceuticals journals.



Kevin Carter is the global business development manager from Klöckner Pentaplast with 22 years' experience in the pharmaceutical packaging industry. Kevin specialized in packaging for solid-dose pharmaceutical products. Kevin's background incorporates nearly

all aspects of pharmaceutical packaging including materials manufacturing, technical process support, product development, market development, sales of high-speed blister packaging equipment and sales/business development management of contract packaging business. All positions held have been with world-class suppliers in the industry recognized as the benchmark of technology and quality. Kevin has covered all aspects of the business including corporate strategy, operations, technical, marketing and sales to the pharmaceutical packaging industry. Kevin has developed a QbD and FEM based approach for packaging design and development, which reduced time for using packaging line to a significant extent.



Likun Wang obtained his bachelor's degree and PhD from Zhejiang University and National University of Singapore, respectively. Dr Wang joined Johnson & Johnson R&D in Belgium as research scientist in 2011. He played key roles in designing and developing a number of successful drug products, e.g. Apalutamide, Ibrutiniva, etc. He

started to lead the preformulation team in Johnson & Johnson R&D since 2014 as senior scientist and group leader. Dr Wang joined Jiangsu Hengrui Medicine Co. as site director of Hengrui Nanjing Research Institute in 2015. Dr Wang has successfully enabled drug products development of more than 10 NCEs and more than 5 super generics in Hengrui. Dr Wang has more than 30 peer-reviewed journal publications, invited speeches and patent filings. Dr Wang founded Nanjing Haiwei Technologies in 2018, focusing on drug stability prediction, NCE drugability and developability assessment.



Dale Natoli is President of Natoli Engineering Company which is the recognized global leader in tablet press tooling manufacturing. With more than 40 years of experience in the tablet compression industry, Mr Natoli has authored numerous articles and chapters in leading industry publications such as the Encyclopedia of Pharmaceutical

Technology and Pharmaceutical Dosage Forms: Tablets and has chaired the Steering Committee for the American Pharmacists Association's widely used Tablet Specification Manual. Mr Natoli's expertise and industry leadership makes him a popular speaker and he frequently presents lectures for universities, pharmaceutical associations and tablet manufacturers worldwide.



Andita Pra Darma graduated in 2010 from Universitas Gadjah Mada (UGM) for Bachelor Degree in Pharmacy and received Pharmacist professional degree in 2011. Before deciding to join Colorcon at 2018, he worked as Solid Product Owner at Glaxo Smith Kline Indonesia. His responsibility was to provide technical leadership during technology transfer and conduct process improvement to increase productivity and maintain process robustness. Before that, he worked at Kalbe Farma and Dexa Medica in R&D Formulation. He has vast experience in formulating oral solid dosages such as film coated, enteric coated and modified release tablets.



Dwi Setyawan is vice dean of human resource and finance in Faculty of Pharmacy, Universitas Airlangga for period of 2015-2020. He is senior lecturer in Department of Pharmaceutics with expertise in pharmaceutical formulation and processing. With over 20 years of experience in academic activity, he has authored more than 40 articles published in international and national journals. His research is not only focused in manufacturing but also in pharmaceutical crystallography. For the expertise, he has appointed as consultant of formulation development and problem solving in pharmaceutical industries since 2015.



Hui Ping Goh recently joined GEA in 2018 as a pharmaceutical process specialist for APC Pharma Solids. He specializes in pharmaceutical processes related to oral solid dosage forms - granulation, coating and tablet compression. He conducts on-site and laboratory trials for customers, educating them on pharmaceutical processes with GEA machines to attain higher level of process understanding and optimisation. Prior to joining GEA, he obtained his BSc (Pharmacy) and PhD (Pharmaceutical Technology) from NUS. He is also a registered pharmacist under the Singapore Pharmacy Council.



Fraser Gow is an International Sales Manager for Alexanderwerk GmbH, a Germany based company, who are a leading global supplier of Dry Compaction and Granulation Equipment. He is responsible for sales and Marketing in the UK / Ireland and all of Asia. He has a diploma in Electro-mechanical engineering and is based in the United Kingdom. Previously worked for 15 years with GEA (Niro Pharma Systems) in project management and sales, before taking on the current sales position in 2011.



Dilwyn Patterson was educated at the University of Manchester, UK where he graduated with a PhD in materials science. He currently has the position of Product & Senior Process Manager, GEA APC Pharma Solids for batch granulation and coating technologies. He provides technical support for the design and operation of batch processing equipment and systems. The role also incorporates on site trouble shooting and providing assistance to optimise customers' processes. His previous jobs include Sales Manager the UK and Ireland, 1989-1994 for Asia and Australasia, 1994-1999 and 2000-2017 for Japan, South Korea and Taiwan. From 2017 to date, he is the Product Manager and Senior Process Specialist for batch granulation, coating and pelletizing. Dilwyn has worked with the pharmaceutical industry for more than 30 years supplying granulation, drying, pelletizing and coating equipment and systems and during this time has gained considerable experience in each of these technologies. He regularly gives lectures / presentations at seminars and academic courses.



Bruno Leclercq is a senior pharmacist working in business development at Medelpharm, headquartered in Lyon, France, an international company dedicated to a continuous search for innovative solutions in powder compression and processing technologies in order to create the ultimate tool for scientists in R&D. Its renowned STYL'One Tableting Instrument has become an industry standard for compaction simulation and challenging powder characterization as well as small scale development in the pharmaceutical industry. Bruno is an experienced pharmaceutical technical Manager with extensive knowledge in solid form technology and processes. He can look back to more than 15 years of International experience in meeting, advising and solving customers' formulations and production problems in Europe, SEA and the US.



Wilf Sangüesa, P.Eng. Product Manager – MPT Pharma. Wilf started as Product Manager for Quadro Engineering in 2005. Over his tenure, he has taken additional product management responsibilities supporting Quadro and Fitzpatrick's milling and roll compaction portfolios. He received his Bachelor of Mechanical Engineering from the University of Western Ontario in 1991 and is a member of the Association of Professional Engineers of Ontario (PEO). Wilf started his career serving the Chemical, Petrochemical and Pulp & Paper industries, and has had tenures in industrial material handling equipment and project management. Wilf frequently presents at International Industry and Academia Pharma-focused seminars and conferences, and has a patent pending for the High Efficiency Comil®.

SPEAKERS

REGISTRATION

Before 31 May 2019 31 May – 12 June 2019
(no onsite)

Industry / Government	IDR 1.750.000	IDR 2.000.000
Academia / Postgrad student ^{a)}	IDR 1.300.000	IDR 1.500.000
Undergraduate student ^{a,b)}	IDR 900.000	IDR 1.000.000
Foreign participant	USD 150	USD 175

^{a)} valid student ID is mandatory and submitted together with the registration form
^{b)} scientific poster presentation is mandatory

HOW TO REGISTER :

- Open the registration form link : <https://bit.ly/2J3fJfB>
- Fill in the form and send back to us via email : farmasetika@ff.unair.ac.id

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