

11th International Granulation Workshop

Course Timetable

Day 1 – Monday, 23th June 2025

Time	Topic	Presenter
08.00 - 08.50	Registration	
08.50 - 09.00	Introduction	Prof. Agba Salman
09.00 – 09.30	<u>Lecture 1</u> Introduction to Granulation	Prof. Gavin Reynolds <i>AstraZeneca</i>
09.30 - 10.30	<u>Lecture 2</u> AI in granulation	Dr Wafa' AlAlaween <i>The University of Jordan</i>
10.30 – 11.00	Coffee Break	
11.00 - 12.00	<u>Lecture 3</u> Batch Granulation: Process and Formulation Variables	Nigel Somerville Roberts
12.00 - 13.00	<u>Lecture 4</u> Measuring, Analysing and Modelling Particle Size	Prof. Gavin Reynolds <i>AstraZeneca</i>
13.00 - 14.00	Lunch	
14.00 - 15.00	<u>Practical Session I (Group Rotation Basis)</u> 1. Twin Screw Granulation (Dr. Ranjit Dhenge, <i>GSK</i>) 2. Roller Compaction (Mr. Manfred Felder, <i>Alexanderwerk</i>) 3. Extrusion: Spheronisation (Dr. Csaba Sinka, <i>University of Leicester</i>) 4. Batch Granulation (Nigel Somerville Roberts & Mr. Thomas Lansdorf, <i>EIRICH GmbH & Co KG</i>) 5. Tableting (Dr. Vikram Chouk, <i>Catalent</i>) 6. Finished Product Characterisation (Dr. Riyadh Al-Asady, <i>University of Sheffield</i> & Andy Winn, <i>Verder Scientific</i>)	
15.00 - 15.30	Coffee Break	
15.30 - 16.30	<u>Practical Session II</u>	
16.30 - 17.30	<u>Practical Session III</u>	

Day 2 –Tuesday, 24th June 2025

Time	Topic	Presenter
09.00 - 10.00	<u>Lecture 5</u> Material Science for Powders	Prof. Gerhard Niederreiter <i>Nestlé Research</i>
10.00 - 11.00	<u>Lecture 6</u> Tabletting	Prof. Kendal Pitt University of Strathclyde (CMAC)
11.00 - 11.30	Coffee Break	
11.30 – 12.30	<u>Lecture 7</u> Continuous Wet Granulation	Dr. Ranjit Dhenge <i>GSK</i>
12.30 - 13.30	Lunch	
13.30 - 14.30	<u>Practical Session IV</u>	
14.30 - 15.30	<u>Practical Session V</u>	
15.30 – 16.00	Coffee Break	
16.00 - 17.00	<u>Practical Session VI</u>	
17.00	Wrap up session	