

Tuesday 19 September 2023

# Meeting Agenda

| Grand Ballroom |   |   |
|----------------|---|---|
| Time           | Title   | Presenters  |
| 8.00 - 8.30    | Breakfast   |   |
| 8.30 - 9.00    | Introduction and Welcome to the 4th synTQ User Group Meeting!   | Martin Gadsby - VP, Optimal   |
| 9.00 - 9.30    | Easing the Regulatory Approach when Adopting PAT, Reducing Process Validation and Continuous Process Validation Requirements  | Dr Ali Afnan - President, Step Change Pharma                          |
| 9.30 - 10.00   | Optimal and synTQ Developments and a Roadmap for the Future   | Paul Gillham - Innovations Director, Optimal                          |
| 10.00 - 10.30  | The New and 'Unknown' Functions of synTQ V5   | Jonique Samuels - Innovation Technical Lead, Optimal                  |
| 10.30 - 11.00  | Break   |   |
| 11.00 - 11.30  | Building Advanced Capabilities for Smart Manufacturing—Towards a PAT R&D and GxP Pipeline   | Victoria Kennedy, Scientist, Sanofi                                   |
| 11.30 - 11.45  | Brief Introduction From Each Instrument Partner Exhibiting: Part 1  | Instrument partners (various)   |
| 11.45 - 12.30  | Pre-release Unveiling of synTQ V6 Functionality Including Demos   | Andy Sweeney - Technical Director and synTQ Development team, Optimal |
| 12.30 - 13.30  | Lunch   |   |
| 13.30 - 14.15  | Pre-release Unveiling of synTQ V6 Functionality Including Demos (cont.)   | Andy Sweeney - Technical Director and synTQ Development team, Optimal |
| 14.15 - 14.45  | Early Product Testing for Pre-deployment Feasibility  | Martin Warman - Director, Martin Warman Consultancy Ltd               |
| 14.45 - 15.15  | Digitalizing the Industry: Integrated Automation, Robotics and Smart Manufacturing & Smart Laboratories with Optimal and synTQ  | Martin Gadsby - VP, Optimal   |
| 15.15 - 15.45  | Break   |   |
| 15:45 - 16:45  | Workshops:<br>Workshop 1, Group 1: (Grand Ballroom) Discuss the Barriers to PAT Implementation and how they can be Overcome<br>Workshop 2, Group 2: (Franklinville) Discuss synTQ Features that need Improvement and Functionality that Should be Added | Participants and Optimal  |
| 16.45 - 17.15  | Digitalization of Continuous Manufacturing with PAT and Automation: Towards Smart Manufacturing in Pharmaceutical Industry  | Dr Yuma Miyai - Postdoctoral Associate, MIT                           |
| 17.15 - 17.30  | Closing Remarks   | Paul Gillham - Innovations Director, Optimal                          |
| 19:00 onwards  | All American BBQ and Casino Night   |   |

# Wednesday 20 September 2023

# Meeting Agenda

| Grand Ballroom |   |   |
|----------------|---|---|
| Time           | Title   | Presenters  |
| 8.00 - 8.30    | Breakfast   |   |
| 8.30 - 8:45    | Welcome to Day 2  | Martin Gadsby - VP, Optimal   |
| 8:45 - 9:15    | Simplifying Model Management with Docker Container  | Jim Thein, Sr. Principal Systems Engineer, Genentech                                  |
| 9.15 - 9.45    | Innovations Team Activities and Targeted Objectives   | Jonique Samuels - Innovation Technical Lead, Optimal                                  |
| 9.45 - 10.15   | Turn PAT Data into Value – How to Leverage your Orchestration Run Data  | Dr Hubertus Rehbaum - Dr. Rehbaum Technology Consulting GmbH                          |
| 10.15 - 10.45  | Break   |   |
| 10.45- 11.15   | The Journey Towards Implementing PAT in a Large Pharmaceutical Company (title TBC)  | Katrine Bolvig-Hansen - PAT Implementation Lead and Sr. Project Manager, Novo Nordisk |
| 11.15 - 11.30  | Brief Introduction from each Instrument Partner Exhibiting: Part 2  | Instrument partners (various)   |
| 11.30 - 12.30  | Workshops:<br>Workshop 1, Group 2: (Franklinville) Discuss the Barriers to PAT Implementation and how they can be Overcome<br>Workshop 2, Group 1: (Grand Ballroom) Discuss synTQ Features that need Improvement and Functionality that Should be Added | Participants and Optimal  |
| 12.30 - 13.30  | Lunch   |   |
| 13.30 - 14.00  | Enhancing Oral Solid Dose (OSD) Manufacturing with a Mini Batch Process   | Martin Warman - Director, Martin Warman Consultancy Ltd                               |
| 14.00 - 14.30  | Integration of Benchtop NMR in PAT Orchestration for Process Optimization and Intelligent Production on Demand  | Matt Delsman - Technical Sales Representative, Bruker                                 |
| 14.30 - 15.00  | High Precision, Real-Time At-Line PAT for Low Concentration Product Measurements and Impurity Control   | Ernie Hillier - Scientific Consultant, Optimal  |
| 15.00 - 15.30  | Break   |   |
| 15.30 - 16.00  | Towards a Circular Economy in Pharmaceuticals   | Ann Stevenson - Circular Economy and SME's Expert, Resource Futures                   |
| 16.00 - 16.30  | Discussion of synTQ Assured and the synTQ Support Team  | Dominic Naish-Cork - Business Development Manager APAC, Optimal                       |
| 16.30 - 16.45  | Closing Remarks and Thanks  | Martin Gadsby - VP, Optimal   |
| 16.45          | End of Event  |   |