Läkemedelsakademin
Swedish Academy of Pharmaceutical Sciences

Dissolution Testing in Quality Control and Drug Development - from USP Vessels to Artificial Intelligence

October 20, 2020, Gothenburg, Sweden

Preliminary program

October 20

09.00 Registration with coffee/tea and sandwich

09.20 **Introduction**

09.30 **Quality Control perspective – dissolution and disintegration methods and validation**
James Mann, AstraZeneca

10.05 **Regulatory landscape of dissolution**
To be decided

10.40 *Coffee/tea and exhibition*

11.15 **Equipment used for dissolution**
Jonas Johansson, AstraZeneca

11.50 *Lunch*

12.50 **Bio relevant media**
Jennifer Dressmann, Goethe University

13.25 **Dissolution – for in-vivo predictions**
Christer Tannergren

14.00 **Efficacy – immediate (IR) and modified release (MR)**
Susanna Abrahamsén Alami, AstraZeneca

14.35 *Coffee/tea with refreshments and exhibition*

14.50 **Dissolution testing – alternative administration routes e.g. inhalation and parenteral**
Nikoletta Fotaki, University of Bath, UK

15.25 **Increase bioavailability**
Christel Bergström

16.00 **Dissolution – test of generics to secure quality to patient**
Johan Breitholz, AstraZeneca

16.35 Wrap -up