

Program – Introduction to Inhalation Product Development

DAY 1 – Monday the 7th of October 2019

13.00 – 13.15 Registration Workshop

13.15 – 13.30 Introduction

Lars Asking

Device Overview

13.30 – 14.15 DPI and MDI

Dr Orest Lastow

14.15 – 15.00 Jet, Ultrasonic and Mesh Nebulisers

Lars Asking

15.00 – 15.30 **Coffee**

Drug Discovery

15.30 – 16.00 Successful Inhalation Starts with Compound Design

Dr Thomas Brimert

16.00 – 16.45 Pre-clinical Pharmacology – Translational Aspects

Dr Karin von Wachenfeldt

Deposition and Dissolution in the Lung

16.45 – 17.30 Deposition and Dissolution in the Lung

Dr Per Bäckman

17.30 **End of day**

DAY 2 – Tuesday the 8th of October 2019

Formulation Aspects; DPI

08.30 – 09.15 Dry Powder Formulation Development and Manufacturing

Dr Ann-Marie Lyberg

09.15 – 10.00 Solid State Aspects on Dry Powder Inhalation Formulations

Dr Lars-Erik Briggner

10.00 – 10.15 **Coffee**

Formulation Aspects; Liquid

10.15 – 10.45 Development of Liquid Formulations

Dr Martin Lindsjö

10.45 – 11.15 Nasal Drug Administration

Dr Martin Lindsjö

Regulatory

11.15 – 15.30 Regulatory Aspects on Inhalation Product

Lars Asking

12.00 – 13.00 **Lunch**

Inhaler Testing (with demo)

13.00 – 13.30 Delivered Dose and Impactor Measurements

Dr Mårten Svensson

13.30 – 14.00 Demo

Kjell Fransson

Inhalation Toxicology

14.00 – 14.45 Inhaled Pharmaceuticals and Toxicology

Dr Karin Svens

Clinical

14.45 – 15.30 Critical Patient Factors in Inhalation Therapy

MD Lars-Göran Carlsson

15.30– 15.45 Q&A and Summary of the Day

Lars Asking

15.45 **End of Day**