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**Amorphous Solid Dispersions by Spray Drying:
From Early Formulation to Commercial Lifecycle Management**
(February – March – April 2023)

Session 2
ASDs by Spray Drying: Process Development & Scale-Up
Wednesday, March 22nd

4:00pm GMT | 11:00 am EDT | 5:00 pm CEST

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Hovione experts featured in this session



Clara Sá Couto, Ph.D.

Manager

R&D Oral Drug Product - Process Development Team
Hovione

Clara is part of the R&D Oral Drug Product Development group. She is the Process Development team Manager, being responsible for the development of Spray Drying and Tableting late-stage programs for oral delivery. She joined Hovione in 2016 as a Scientist, having started to focus on particle engineering and solubility enhancement programs. Since then, she has been involved in several spray drying processes from early stage until validation. Between 2018 and 2022 she managed the Operations team within the Oral Drug Product Development group, that was responsible for providing support to all the activities related to the laboratorial process development, covering areas such as inhalation, pre-formulation, ASD screening, spray drying, and roller compaction/tableting (batch and continuous).

Clara holds a Ph.D. in Refining, Petrochemical and Chemical Engineering and is the author of five papers and one patent.

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José Luís Santos, Ph.D.
Director
Technology Intensification
Hovione

José joined Hovione 12 years ago and has evolved from R&D engineer (developing processes across all scales of spray drying) to the business area, becoming a Senior Manager for Particle Engineering Services. He led the company's Knowledge Management and Innovation areas for two years, and between 2018 and 2021 he was based at Hovione's site in the USA to support the installation, qualification, and kick-off of the GMP operations of a new Continuous Manufacturing rig. In 2021 he took on the role of Director of the Continuous Tableting Center for Excellence, based in Lisbon, overseeing the company's drug product Continuous Manufacturing efforts across all sites. In 2022, José moved on to become Director of Technology Intensification, with the goal of maintaining Hovione among the world's leading organizations in spray drying and continuous tableting services. José holds a Ph.D. in Chemical Engineering. He has extensive senior management experience over two geographies (Portugal and USA) and is the author of sixteen papers, one book chapter, and four patents.

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