

# PharmSD 3.0

## Redefining Spray Drying for a more resilient future

**PharmSD 3.0** innovation project is focused on setting a new standard for continuous pharmaceutical manufacturing. By developing an end-to-end integrated spray-drying process, it unlocks new possibilities for more efficient, scalable, and cost-effective medicine production.

### Project coordination\*

Hovione Farmacência S.A.



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the European Union

## Work Package Leaders Biographies



### **José Luís Santos**

Strategic Business Management  
Sr. Director  
Hovione

José Luís Santos holds a PhD in Chemical Engineering and is a recognized expert in particle engineering and continuous manufacturing. Throughout his career at Hovione, spanning Portugal and the USA, José advanced from R&D Engineer to senior management roles, developing relevant work in spray drying and leading the start-up of a GMP Continuous Manufacturing facility.

José is currently Senior Director of Strategic Business Management, leading the company's Particle Design business segment. José is the Hovione's Project Coordinator for the PharmSD3.0 Grant.



## **Paulo Francisco**

R&D Manager  
Hovione

Paulo Francisco is an R&D Manager in the Oral Drug and Product Development (ODPD) area at Hovione. Paulo holds a PhD in Engineering Systems, jointly awarded by the Massachusetts Institute of Technology (MIT) and Instituto Superior Técnico (IST-UL). Since joining Hovione, Paulo has been involved in Drug Product and Development, with large expertise in Spray Drying. Paulo will be responsible for WP2-4 and will be involved in overall project oversight (WP1 and WP6).



## **Tiago Ribeiro**

Production Senior Manager  
Hovione

Tiago Ribeiro is a Production Senior Manager in Spray Drying at Hovione. Holding an MSc in Chemical Engineering, Tiago has been working at Hovione in Process Engineering on an industrial scale. Tiago will be responsible for WP5 and will be involved in overall project oversight (WP1 and WP6).

### **Learn more about PharmSD 3.0**

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