

Innovative Processing of Specialties and Pharmaceuticals (iPSP)

 consortiapedia.fastercures.org/consortia/ipsp/

Research Areas



At a Glance

- Status: **Active Consortium**
- Year Launched: **2013**
- Initiating Organization: **A*STAR Singapore**
- Initiator Type: **Government**
- Location: **Asia**

Abstract

The Science and Engineering Research Council (SERC) established by the Agency for Science, Technology, and Research (A*STAR) in Singapore developed the Innovative Processing of Specialties and Pharmaceuticals (iPSP) program. This program aims to position Singapore at the leading edge of the development of innovative processing for pharmaceutical and specialties chemicals manufacturing. It will work on improvements in both process development and implementation. Building on existing high-quality facilities at the Institute of Chemical and Engineering Sciences (ICES) for batch processing at a 60L scale and continuous processing at 20L/h, iPSP will combine state-of-the-art facilities in process development and pilot-scale demonstration, and it will address manufacturing improvements for chemical intermediates, actives, and formulated products. A team of about 20 full-time equivalents will be available to address strategic technology development and individual industry-originated problems. The team includes chemists, chemical engineers, PAT specialists, control engineers, and modelers.

Mission

iPSP's mission is as follows:

- Facilitate uptake of innovative processing by pharmaceutical/specialty sectors
- Encourage companies to adopt best practices in processing technologies in their businesses
- Further reinforce Singapore at the forefront of research in innovative processing of pharmaceuticals and specialty chemicals
- Develop and anchor the innovative processing knowledge and skill base by integrating Singapore's research and industry into a cohesive network

Consortium History

July 2013: Consortium started

Links/Social Media Feed

Other website <http://www.a-star.edu.sg/Research/Research-Focus/Physical-Sciences-Engineering/SERC-New-Initiatives-and-Programmes/Innovations-in-Processing-of-Specialties-and-Pharmaceuticals.aspx>

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