



# Enhancing Oral Solid Dose Solubility and Bioavailability with Amorphous Solid Dispersions (ASD)

PRESS RELEASE Hunt Valley, MD (February 1, 2021) Pharmaceuticals International, Inc. (Pii) will accelerate your early development through clinical studies for challenging, complex oral solid dose formulations with state-of-the-art spray drying technology.

Spray-dried amorphous solid dispersions technology may be the catalyst needed to overcome solubility and bioavailability challenges for your promising oral solid dose candidate. At Pii we have the spray drying and auxiliary equipment and skills to rapidly find a solution to develop for the formulation, support regulatory filings, and advance your drug candidate to Phase 1 studies and beyond.

Solubility and bioavailability are inherent challenges in the early stages of development for oral solid dose pharmaceuticals. Struggling to overcome these hurdles can cost drug sponsors precious time and resources and ultimately place their commercialization hopes at risk, as well as, the hopes of patients depending on new therapies to treat their disease or illness.



Pii uses a GEA Niro Mobile Minor Spray Dryer, a continuous process system, for batch sizes as small as 50g, supporting both aqueous and solvent systems.

Dr. Sundeep Sethia, Senior Director of Research and Development and his team of experts stand ready to assist you. Contact them to explore solutions that would be right for you.

Pharmaceutics International, Inc. (Pii) is a US-based contract development and manufacturing organization (CDMO) located in Hunt Valley, Maryland. The experienced scientists, engineers, and staff at Pii pride themselves on adroitly employing a phase appropriate method of drug development for the prudent use of their client's resources as they solve challenging problems. In addition to offering end-to-end development services, Pii manufactures a variety of dosage forms to include complex parenteral drugs and has a wealth of analytical testing capabilities. Its Hunt Valley campus has four aseptic suites with lyophilization capabilities. Our talented professionals stand ready to help!