



Principal Formulation and Process Development Scientist (Oral Solid Dosage [OSD])

Location: Rockville, MD [100% on-site]

Type: Full-Time

On Demand Pharmaceuticals (ODP) is changing the way we make and distribute medicines—by providing them to anyone, anywhere, anytime. ODP is creating innovative manufacturing platforms to enable our vision to produce critical medicines at the point of care and to secure the pharmaceuticals supply chain. As a young organization, ODP offers an exciting opportunity for passionate scientists and engineers to make a difference in the world while developing career paths for advancement. ODP is seeking a Principal Formulation & Process Development Scientist to lead and mentor a group of diverse formulation scientists. The formulation lead and his/her team will support the development of our next generation medicine manufacturing platforms. Our manufacturing platform is comprised of modules that can chemically synthesize active pharmaceutical ingredients, purify crude products, and formulate into finished drug product. These modules are miniaturized and mobile and can be deployed anywhere in the world to strengthen pharmaceutical supply chain and enable local production of medicines.

Responsibilities:

- Designing and developing formulation processes for various compounds, including for oral dosage forms.
- Providing technical leadership and subject matter expertise (SME) for cross functional research and development teams.
- Working with ODP's scientists and engineers to enable innovative approaches for formulation, fill/finish and packaging to produce FDA-approved drugs.
- Participating in project management and product development strategies, including leading technical, legal, and regulatory aspects of formulation and process development activities.
- Writing and reviewing CMC reports and documentation for regulatory filings.
- Maintaining ODP's leading edge by keeping up to date on regulatory guidelines, technical innovations, and new developments within the pharmaceutical industry.
- Delivering results in a high paced environment.

Minimum Hiring Standards:

- PhD in Pharmaceuticals Sciences, Chemical Engineering, Materials Engineering, or related discipline.
- Experience with oral solid dosage form development, process optimization, and scale up.
- Experience with OSD operations e.g. blending, granulation, milling, compression, coating
- Experience with physical characterization of powders and solids e.g. particle size, XRPD, BET, compressibility, shear testing
- Experience with industrial and innovative processes and technologies, including downstream processes such as fill/finish and packaging.
- In-depth knowledge in pharmaceutical product development, CMC regulatory requirements, and project management.
- Strong managerial and interpersonal skills.
- Ability to work collaboratively with multi-disciplinary cross-functional research teams.
- Strong written/oral skills required, and ability to communicate technical concepts to a non-technical audience.
- Energy and passion to thrive in a start-up environment and to deliver on the mission of On Demand Pharmaceuticals.

Preferred Hiring Standards:

- Individuals with > 5 years' experience and training preferred.
- Candidates with experience in continuous processing of chemicals, materials, or pharmaceuticals.

Physical Demands/Work Environment:

- Ability to safely handle hazardous materials
- Ability to move 50 pounds
- Ability to bend to reach floor level
- Ability to wear respirator



COVID-19 Vaccination Policy: With limited exceptions, up to date COVID-19 vaccinations are required for all ODP employees who work on-site at our headquarters. Employees must present proof of full vaccination (ex. CDC card) or submit exemption requests to the Director of People Operations before their start date. Exceptions to the policy are available only for those who need an accommodation for a qualifying medical reason or sincerely held religious belief or practice.

[Please click here to submit an application for this position.](#)

On Demand Pharmaceuticals is an equal opportunity employer. On Demand Pharmaceuticals does not discriminate in employment with regard to race, color, religion, national origin, citizenship status, ancestry, age, sex, sexual orientation, marital status, physical or mental disability, military status or unfavorable discharge from military service or any other characteristic protected by law.