

CONTINUUS Pharmaceuticals Job Posting

COMPANY

CONTINUUS Pharmaceuticals, Inc.

LOCATION

25-R Olympia Avenue
Woburn, MA
(20 minutes north of Boston)

EMPLOYMENT TYPE

Full Time - U.S.-based

START DATE

Q3 2021

ABOUT CONTINUUS

CONTINUUS Pharmaceuticals is a spin-out company from the Novartis-MIT Center for Continuous Manufacturing. We design and develop innovative continuous manufacturing processes for pharmaceutical clients, providing an exceptional "one-shop solution" for the entire drug development and manufacturing cycle.

Rather than producing medicines through traditional batch processes, CONTINUUS offers a breakthrough Integrated Continuous Manufacturing (ICM) technology for small molecule drugs. The synthesis of the active pharmaceutical ingredient and final dosage form are integrated into a seamless and completely automated process. This novel method will allow "on-demand" manufacturing of pharmaceuticals with significant advantages in production lead time, quality, and cost.

Our pipeline is rapidly growing, with exciting projects with pharmaceutical and generic companies, as well as contracts with the US Government. Concurrently, we are transitioning to a commercial phase, where we will leverage our novel ICM platform to produce low-cost, high-quality drugs for patients worldwide. Essential to our evolution will be talented new team members who will contribute greatly to this mission. We look forward to meeting you.

<http://continuuspharma.com>

CONTACT US @

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Pharmaceutical Chemical Process Engineer

Job Description

CONTINUUS is looking to hire a full-time Upstream Process Engineer to join our Engineering Group. This engineer will assist in the design of continuous processing technologies for our new manufacturing facility. The candidate will be placed based on relevant experience and knowledge.

Overview

Assist in the process engineering design efforts for our new cGMP facility used to produce small-molecule APIs in different dosage forms (e.g., oral solid dosages, sterile solutions). The scope of this position includes the **upstream processing of API and oral solid dosages** (i.e., reaction through drying and extrusion-molding).

Required Qualifications

- 3-6 years of process engineering experience for a cGMP setting for small-molecule **API** and/or **oral solid dosage** production.
- Basic understanding of fundamental chemical engineering principles and the engineering lifecycle related to process design through installation and CQV.
- Broad understanding of the following unit operations: **reaction, extraction, evaporation, crystallization, filtration, and drying. Extrusion-molding experience is highly desirable.**
- Working knowledge of chemical modeling/simulation and/or process automation is a plus.
- Ability to assist in determining equipment specifications and draft **BFDs, PFDs, and P&IDs.**
- Experience in creating design documents, drafting user requirement specifications, technically evaluating bids, reviewing vendor equipment drawings/documentation packages, participating in FAT's and SAT's, etc.
- Experience with developing and/or executing Commissioning, Equipment Qualification, and Performance Qualification documents.
- Demonstrated ability to design and run DOEs (Design Of Experiments) to find the optimal operating conditions.

Preferred Qualifications

- Bachelor's degree or higher in Chemical Engineering.
- Familiar with common modeling and simulation tool sets in chemical engineering, such as DynoChem, gPROMS, MATLAB/Simulink, Python, Aspen Plus, COMSOL, etc.
- Experience in chemical reaction engineering including reaction kinetics, reactor design (PFR, CSTR), and residence time distribution (RTD) is a plus.
- Knowledge of continuous processing fundamentals.
- Relevant codes and standards [such as ASME boiler and pressure vessel code, **ASME BPE**, ANSI, ASTM, FDA cGMP, OSHA, relevant portions of NEC/NFPA as applicable, etc.] is a plus.
- Experience with potent powder processing and containment is a plus.
- Clear oral and written communication skills.
- Self-motivated and organized professional looking to assist designs and make an impact in the life science industries.
- Ability to play a positive role as part of a team with a reliable and consistent approach to work.
- Strongly motivated and shows professional initiative.

We are an Equal Opportunity Employer - all qualified applicants will receive consideration without regard to race; color; religion; sexual orientation or transgender status; gender identity or expression; pregnancy or related medical conditions; workplace hazards to reproductive systems; national origin and ancestry; age; veteran status; current physical or mental disability or history of; intellectual or learning disability; genetic information; homelessness status; sexual harassment; marital or civil union status; lawful activity outside of the workplace such as tobacco use; or any other characteristic protected by law.