



Research Associate, Formulation Development

Scope of Role

In this role, the Research Associate will apply critical thinking, careful technical execution and aptitude for developing new dosage forms. The individual will develop oral modified release solid dosage forms for different therapeutics. This pro-active researcher will collaborate with fellow team members, ensure the smooth function of the lab, look for opportunities to improve efficiency, and share ideas and expertise. They will contribute to Axial's creative, dynamic and collaborative culture and advance new therapies targeting the gut-brain axis to help patients with neurological diseases and disorders.

Essential Duties and Responsibilities

- Utilize formulation equipment, such as fluidized bed coater, tableting machine, etc.
- Develop and execute design of experiments (DOE) to explore modified release formulations for tablet/capsule/bead dosage forms
- Evaluate the effect of formulation and processing factors on the physical and release characteristics from the dosage forms
- Analyze and report data to multidisciplinary teams
- Share ideas, creativity and critical thinking across functions, inside and outside the lab, and embrace input from teammates
- Maintain detailed records in an electronic notebook, promote safety and compliance in a BL2 laboratory environment, and contribute actively to the smooth operation of the lab

Qualifications

- Prior work experience with tableting, encapsulation and air suspension granulation/coating
- Self-starter with strong problem-solving abilities, resourcefulness, scientific curiosity and desire to learn
- Outstanding team player with excellent track record working in groups as well as independently, with outstanding and proactive communication
- Highly detail-oriented and organized, with strong analytical skills and experience reporting data
- Ability to multitask, prioritize, and function in a fast-paced, entrepreneurial environment
- Graduate student or experienced undergraduate student in pharmaceutical sciences or relevant polymer sciences field