Internship description:

The BASF internship is an excellent opportunity for a senior graduate student/early postdoc to experience working in an industry setting. The selected candidate will be working in the Global Technical Marketing team to support the Orals platform by developing laboratory application data to assist in the creation of marketing collateral such as white papers, brochures, and presentations for technical campaigns, customer events, and product launches. Our projects and initiatives support activities within the scope of orals dosage forms, being responsible for application studies and data generation for tableting, film coating, high-shear granulation, fluid-bed granulation/ drying, and hot-melt extrusion/ melt granulation.

What deliverables are expected at the end of the internship?

Complete an entire tableting project:
- Drug and excipients characterization
- Definition of best formulation and process parameters
- Evaluate formulation performance (flowability, compressibility)
- Assay and in-vitro drug release tests

Or

Complete a functional film coating project (taste masking or sustained release):
- Polymer characterization (film coatings and adjuvants)
- Definition of coating formulation
- Evaluate film coating performance and process parameters
- Assay and in-vitro drug release tests

Or

A third project related to oral dosage form.

Have a completed white paper and a finalized presentation available for external use.

Intern qualifications:
- Solid hands-on laboratory experience with tableting, film coating, high-shear granulation, fluid-bed granulation, and drying.
- Familiarity with the following analytical techniques: dissolution (in-vitro drug release), UV, HPLC, DSC, TGA, XRD, SEM, and powder rheology (FT4).
- Proactive and organized.
- Strong capacity to plan and execute laboratory projects, summarize results in reports, and communicate findings.
- Excellent written communication skills.

Timeline:

3 months, 40 hours per week
Location:
Tarrytown, NY

Salary will be sufficient to cover travel to and from and accommodations in Tarrytown, NY