



**Senior Research Scientist – Crystallization Development for Crystal Pharmatech –**  
*Delivering the impact of solid-state properties in pharmaceutical development*

**Crystal Pharmatech Inc. - Cranbury, NJ, USA**

### **Job Description**

The senior research scientist will report directly to the Vice President, Head of US Research and Development. The successful candidate will be able to independently and effectively guide a development team to carry out all crystallization process development and optimization including problem solving and timely project execution. The job also requires writing all technical reports, routine management and training of all individuals in the crystallization department.

### **Requirement Qualifications**

- At least a PhD in Chemical Engineering, Chemistry or Organic Chemistry.
- Excellent verbal and writing skills in both English and Chinese
- ~3-8 years relevant crystallization and team management experience
- Proficient in knowledge of crystallization principles including but not limited to; crystallization kinetics, polymorphism, MSZW, salt formation, ternary phase diagram understanding with respect to both cocrystal isolation and ee-upgrade
- Experience in use PAT in crystallization process development
- Proficient in the working principles and data analysis methods of commonly used crystallization technologies.

### **How to Apply**

CV can be e-mailed directly to: [shanming\\_kuang@crystalpharmatech.com](mailto:shanming_kuang@crystalpharmatech.com). Be sure to denote the Job Title of the position you are applying. Please visit our website at: [www.crystalpharmatech.com](http://www.crystalpharmatech.com)

### **Keywords**

Pharmaceutical, API, Crystallization, Formulation, Solid-State, Polymorphism, CRO, Characterization

### **Company Description**

Crystal Pharmatech is a technology-driven CRO based whose services range from solid state information to processing for active pharmaceutical ingredients and formulations. Crystal Pharmatech provides clients with data derived from experiments and partners with clients to ensure comprehensive solutions for their research needs based on sound scientific understanding. [www.crystalpharmatech.com](http://www.crystalpharmatech.com)