



Name: Yunliang He

Degree	Awarding Institution	Topic/title
PhD	Tianjin University China	Chemical engineering

Current research:

Control of crystal size and shape

Flow properties of crystal powder and the effect of excipient

Position	Company/institution	Key responsibilities
Research Engineer	UCD	Crystallization and control of critical properties of API crystals related with formulation

Research expertise keywords:

Crystallization, polymorphism, single crystal growth, flow properties of powders

Stability of API and solid formulation

Existing industry interaction to date - any secondments, placements, project work, etc.

I have worked in a pharmaceutical company for 6 years and solved various problems related with crystallization, from purification and polymorphism in manufacture of API to preparation of micron particles for formulation, stability of API and formulation.

I believe any problems related with solid in pharmaceutical industry could be solved with the knowledge of crystallization.

Crystallization is the central technique in solid formulation.

Additional information/hobbies/interests/expertise:

hiking

