Industry sponsored MSc position available

AstraZeneca, Sweden, has sponsored research to understand microparticle formation in spray drying of solid, respiratory therapeutics. This project fully supports a position for MSc studies.

The position will emphasize experimental work. Evaporation and particle formation processes will be studied using an existing model system—a microdroplet chain—probed by imaging means. The final dried microparticles will be examined using ultramicroscopy techniques available at the National Institute for Nanotechnology. The project also includes characterization and modeling of processing equipment. Students with previous experience and interest in experimental work or with exceptional practical skills are encouraged to apply. Please list the instruments and techniques you are familiar with and describe your practical experience in detail.

Interested candidates should supply a one-page statement of intent and a complete resume by email. The support level for this position is competitive. Possible start dates are May 2017 or September 2017.

Minimum GPA for this position is 3.5 or equivalent. All students who are not native English speakers, regardless of the language of instruction in their institution, need to provide a language proficiency score that exceeds TOEFL iBT: 100, TOEFL paper based: 600 or IELTS: 7.5. Applications without, or with lower, language proficiency scores will be considered only under exceptional circumstances.

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