



## Postdoctoral Position

### **Swelling and degradation behaviour and mechanism of poly (lactic-co-glycolic acid)-based pharmaceutical delivery systems using NMR spectroscopy, NMR imaging, and ellipsometry**

For this postdoctoral position you should have in-depth knowledge of NMR spectroscopy applied to physical/colloidal chemistry, polymer chemistry or a related discipline.

You should be a highly motivated person with good communication skills in English, ability to work independently, have analytical and problem solving capabilities, proven publications record, a degree in chemistry and a PhD in NMR spectroscopy, physical chemistry, polymer chemistry or related field. Furthermore you should have an interest in pharmaceutical applications.

The position is available for 12 months, with possible extension to 18 months, with a starting date of September 30, 2009.

This post is funded by Novartis Pharma AG, and the project will be carried out at YKI, The Institute for Surface Chemistry and the Department of Physical Chemistry at KTH, The Royal Institute of Technology, both in Stockholm, Sweden.

If you wish to receive additional information please contact either:

Prof. István Furo, e-mail: [furo@kth.se](mailto:furo@kth.se)

Dr. Anna Fureby, e-mail: [anna.fureby@yki.se](mailto:anna.fureby@yki.se)

Please send your CV and cover letter to HR Manager:

Kerstin Linsten, e-mail: [kerstin.linsten@yki.se](mailto:kerstin.linsten@yki.se)

no later than August 9, 2009.

*YKI, The Institute for Surface Chemistry is the internationally leading industrial research institute in applied surface and colloid chemistry. Clients come from many industrial sectors including; biotechnology; food; industrial chemicals; household and personal care products; pulp and paper; printing and packaging; speciality coatings, adhesives and paints; drug manufacturers and pharmaceutical companies. In addition, the institute has 50 member companies, a number of which are world leaders in their fields and more than 50 % based outside of Sweden.*

*YKI has 65 employees and is located in a research-intensive area on the campus of The Royal Institute of Technology (KTH). YKI is part of SP Technical Research Institute of Sweden (SP Group). For further information please visit our website at [www.yki.se](http://www.yki.se).*