



ENTERPRISE  
IRELAND



## POSTDOCTORAL FELLOWSHIP

in the

### CHEMISTRY OF CYCLODEXTRINS FOR GENE DELIVERY

**Funded by Enterprise Ireland through a grant to the School of Pharmacy, University College Cork (UCC) and based in the Centre for Synthesis and Chemical Biology of the Conway Institute, UCD School of Chemistry, University College Dublin, Dublin 4, Ireland.**

This position is available in early 2009, to work on the design and synthesis of cyclodextrins for gene delivery, as new non-viral agents intended for gene therapy. The chemistry will be supervised by Dr Raphael Darcy at UCD, and the collaborating pharmaceutical researchers, headed by Prof. Caitriona O'Driscoll, are at UCC.

The position is for one year, renewable up to two years, at a starting salary of €41,654. Experience in synthetic chemistry of cyclodextrins and/or oligosaccharides is desirable but not essential. The chemistry background, including the gene delivery aspect, has been reviewed: F. Sallas and R. Darcy, *Eur. J. Org. Chem.*, 2008, 6, 957-969 (<http://www3.interscience.wiley.com/cgi-bin/fulltext/117876617/PDFSTART>). While the research will mainly involve organic synthesis, collaborations will afford experience in physical measurements on colloidal and nanoparticulate systems.

Interested persons should send a c.v. and the names of two referees as soon as possible to Dr. Raphael Darcy, by email: [raphael.darcy@ucd.ie](mailto:raphael.darcy@ucd.ie) Start date is negotiable.