



## Professor Owen I. Corrigan

**Address:** School of Pharmacy & Pharmaceutical Sciences,  
Panoz Institute, TCD.

**Telephone:** +353 1 896 2782

**Fax:** +353 1 896 2783

**E-mail:** [ocorrign@tcd.ie](mailto:ocorrign@tcd.ie)

### EDUCATIONAL AND EMPLOYMENT QUALIFICATIONS

BSc (Pharm) Hons NUI, 1967, First Place,                      PhD, NUI, 1973

#### Academic:

1967 - 1970	Assistant Lecturer - College of Pharmacy, Dublin.
1970 - 1975	Lecturer in Pharmaceutics - College of Pharmacy.
1975 - 1977	College Lecturer in Pharmaceutics and Forensic Pharmacy, College of Pharmacy, PSI, Dublin.
1979	Visiting Scholar at College of Pharmacy, University of Michigan, USA, with Professor WI Higuchi.
1977 - 1981	Lecturer in Pharmaceutics, School of Pharmacy, Trinity College, Dublin.
1981 - 1991	Senior Lecturer in Pharmaceutics - School of Pharmacy, TCD
1983 - 1984	Acting Head of Department of Pharmaceutics, School of Pharmacy, TCD
1991 -	Professor of Pharmaceutics, Trinity College.
1991 -2001	Head of Pharmaceutics Department.
2005 – 2007	Director of Research in School of Pharmacy & Pharmaceutical Sciences, TCD

#### Industry Related:

1977 - 1984	Consultant in Biopharmaceutics and Member of Research and Development Committee, Elan Corporation Ltd., Athlone, Ireland.
1981 - 1984	Member of Scientific Research Committee, Elan Pharmaceutical Research Corporation, Georgia, U.S.A.
1984 - 1988	Member of Scientific Committee, Elan Corporation plc, Athlone,
1988 -	Consultant in Biopharmaceutics to Elan Corporation plc.
1990 - 2000	Consultant to Antigen Pharmaceuticals Ltd.
1991 - 1994	Consultant in Transdermal Drug Delivery to Elan Corporation plc.
1994 - 2002	Consultant to Elan Pharmaceutical Technologies

Have acted as consultant on occasion to Leo Laboratories Ltd., Mycopharm Ltd., Tanabe Ltd., Newport Pharmaceuticals Ltd., ICP Ltd., Revlon Healthcare Ltd., Sandoz AG, The Cross Chemical Group and The Health Education Bureau. (Dept of Health)

## **MEMBERSHIP OF PROFESSIONAL BODIES**

Fellowships: Royal Academy of Medicine in Ireland (since 1982), Trinity College Dublin (since 1988) and the Pharmaceutical Society of Ireland (since 1993).

Member of AAPS, EUFEPS and Controlled Release Society Inc.

## **APPOINTMENTS**

1996-2002 (by Minister for Health) to Human Medicines Advisory Committee of the IMB.

2004-2007 (by the Minister for Health) to the Health Research Board.

## **EVALUATION PANELS and EDITORIAL ADVISORY BOARDS:**

Health Research Board Ireland, Forbairt, Ireland, BBSRC UK.

*Member of Editorial Advisory Board* of 'Pharmaceutical Technology Europe', Astra Publishing Corp., 1989-2002.

*Member of International Advisory Board* of Encyclopaedia of Pharmaceutical Technology.

*Reviewer/ referee for the following Journals:* Journal of Pharmaceutical Sciences, Pharmaceutical Research, International Journal of Pharmaceutics, Journal of Controlled Release, Journal of Pharmacy and Pharmacology, European Journal of Pharmaceutical Sciences, Biopharmaceutics and Drug Disposition, Thermochemica Acta.

## **RESEARCH INTERESTS/ EXPERIENCE**

Main research areas are pre-formulation, biopharmaceutics, pharmacokinetics. Specifically modelling mass transfer in pharmaceutical systems, polymeric, smart micro and nano-particulate drug delivery systems.

Supervised/co-supervised 36 PhDs

*External examiner* for Ph.D thesis (n~20): Universities of Bradford, London, Manchester, Strathclyde, The Queens Univ. Belfast, Univ. Uppsala, Sweden and John Moores Univ. Liverpool.

*External examiner* for DSc thesis The Queens University Belfast

## **RESEARCH FUNDING OBTAINED (~last 5yrs)**

2008 – present Solid State Pharmaceuticals Cluster, Science Foundation Ireland

2006 - 2009 EI Technology Development project grant. "Particle engineering of nanoporous microparticles - a platform technology for drug delivery": Euro 399,740, (collaborator Dr AM Healy)

- 2004 – 2005      EI Proof of Concept Grant. "Novel multiporous microparticles (MPMPs) for drug delivery systems. (collaborator Dr AM Healy)
- 2002 – 2005      Funding from IVAX, UK for novel inhalable formulation development project: (collaborator Dr AM Healy)
- 1998 – 2000      Esprit grant under the EU's 4th Framework HPCN (high performance computing and networking) programme for PSUDO project (Parallel SimUlation of Drug release code)

***Author/co-author*** of over 150 research publications and 4 patents.