



Professor Owen I. Corrigan

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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 Mores 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.