



ROYAL COLLEGE OF
PHYSICIANS OF IRELAND

MASTERCLASS

Masterclass Series 2010–2011

Masterclass: Clinical Pharmacology

5.00pm Wednesday, 2 February 2011

Royal College of Physicians of Ireland, No. 6 Kildare Street, Dublin 2



Programme

TIME	TITLE	SPEAKER	CHAIR
16.30 – 17.00	Registration		
17.00 – 17.05	Introduction and Welcome by Dr Diarmuid O'Shea, Convenor		Prof Patrick Murray, Mater Misericordiae Hospital, Dublin
17.05 – 17.25	New and Old Anticoagulants: Emerging Evidence	Prof David Kerins, Mercy University Hospital, Cork	
17.25 – 17.30	Question and Answer Session		
17.30 – 17.50	Optimizing Pharmacotherapy in Older People	Dr Denis O'Mahony, University College, Cork	
17.50 – 17.55	Question and Answer Session		
17.55 – 18.15	What do Clinical Pharmacologists Do?	Prof David Williams, Beaumont Hospital, Dublin	
18.15 – 18.20	Question and Answer Session		
18.20 – 18.40	Emerging Therapies in Autoimmune Disorders: IBD	Prof Larry Egan, University Hospital, Galway	
18.40 – 18.45	Question and Answer Session		
18.45 – 19.05	Update on Hypertension	Prof Alice Stanton, Beaumont Hospital, Dublin	
19.05 – 19.30	Panel Discussion		

This meeting is approved for 3 CME credits by the Royal College of Physicians of Ireland

Prof Patrick Murray

Mater Misericordiae Hospital, Dublin

Chair

Patrick Murray is Consultant Physician at the Mater Misericordiae University Hospital and University College Dublin. Prof Murray received his medical education at University College Dublin. Following his internship at the Mater Misericordiae University Hospital in Dublin, he completed a residency in internal medicine at Hennepin County Medical Center in Minneapolis, USA. He completed fellowship training programs in nephrology, critical care medicine, and clinical pharmacology at the University of Chicago Hospitals in Chicago, USA.

Prof Murray is board-certified in internal medicine, nephrology, critical care medicine,

and clinical pharmacology. He practiced as an intensivist, nephrologist, and clinical pharmacologist at the University of Chicago Hospitals from 1996–2008, serving as the fellowship training program director in nephrology, also directing the Acute Dialysis Service. Since 2008, he has been the Professor of Clinical Pharmacology at University College Dublin, and a Consultant in Nephrology and Clinical Pharmacology at the Mater Misericordiae University Hospital.

He has a long standing interest in research and education to improve the prevention, diagnosis, and therapy of acute kidney injury.



Prof David Kerins

Mercy University Hospital, Cork

New and old anticoagulants: emerging evidence

David Kerins is a graduate of University College Cork. He completed internal medicine training at Cork University Hospital. This was followed by sequential fellowships in Clinical Pharmacology and in Clinical Cardiology at Vanderbilt University. He was appointed to the faculty of Vanderbilt University Medical Center and as a staff physician at Nashville Veterans Affairs in 2003. He received a New Investigator Award from the American Heart Association. He was subsequently promoted to become

an Associate Professor of Medicine and Chief of the Cardiology Section at Nashville VA. He was a visiting scientist, at the Cardiovascular Magnetic Resonance Center, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston in 2002. He was appointed to his current position as Associate Professor of Therapeutics at University College Cork and as Consultant Physician at Mercy University Hospital in 2006. He served as Dean of the Medical School at UCC from 2007 to 2010.



Dr Denis O'Mahony

University College, Cork

Optimizing pharmacotherapy in older people

Denis O'Mahony graduated from University College Cork. He is a consultant physician in Geriatric Medicine at Cork University Hospital and St Finbarr's Hospital Cork and is a Fellow of the RCPI and of the Royal College

of Physicians, Glasgow. He is a Senior Lecturer with the Department of Medicine, University College Cork. His clinical and research interests are in geriatric pharmacotherapy, stroke and cardiovascular disease.



Prof David Williams

Beaumont Hospital, Dublin

What do Clinical Pharmacologists do?

David Williams qualified in Trinity College Dublin in 1994. He was awarded a PhD in 2002 for his work on pharmacoepidemiology. Following completion of Higher Medical Training at St James Hospital, Dublin he was appointed consultant Clinical Pharmacologist and Stroke Physician in Aberdeen in 2002. He was appointed Vice-President of the British Pharmacological Society in 2007 and is currently

managing editor of the European journal of clinical Pharmacology. In 2009 he was appointed Associate Professor in Geriatric Medicine at the Royal College of Surgeons in Ireland/Beaumont Hospital where he has helped develop the Acute Stroke Service and teaching programme in Geriatric Medicine. His research interests include Stroke Medicine, Hypertension, Patient Safety, Prescribing and Medication Errors.



Prof Larry Egan

University Hospital, Galway

Emerging therapies in autoimmune disorders: IBD



Larry Egan graduated from UCG in 1990 (M.B., B.Ch., B.A.O.), and completed internship, house officer and registrar training, based at University College Hospital Galway. He received Membership of RCPI in 1992, and Masters in Medical Science from UCG in 1994. From 1994 to 1999, at the Mayo Clinic in Minnesota he completed further training in Internal Medicine, Clinical pharmacology & Gastroenterology, receiving American Board certification in those 3 disciplines. NUI Galway conferred an MD in 1999. Prof Egan then undertook post-doctoral training from 2000 to 2002, in the Laboratory of Mucosal Immunology at the University of California,

San Diego, before returning to the Mayo Clinic to take up a consultancy in Gastroenterology, with joint appointment in the Department of Molecular Pharmacology and Experimental Therapeutics. His research focuses on molecular characterization of signaling pathways involved in intestinal epithelial cell stress, death and malignant transformation. In 2005, Prof Egan was recruited by NUI Galway and the Health Service Executive Western Region as Professor of Clinical Pharmacology/Consultant Clinical Pharmacologist and Head of the Department of Pharmacology & Therapeutics, a position he took up in August 2005.

Prof Alice Stanton

Beaumont Hospital, Dublin

Update on hypertension



Alice Stanton is a clinician-scientist. She graduated from University College Dublin with an honours degree in Medicine in 1984, and has since obtained a first class honours B.Sc. in Physiology from UCD, a post-graduate diploma in Statistics with distinction from Trinity College and a PhD in Pharmacology from UCD. Clinical training in General Internal Medicine and Clinical Pharmacology was obtained at St Vincent's University Hospital, St Lawrence's Hospital, Mater Misericordiae Hospital, Beaumont Hospital (Dublin), Academisch Ziekenhuis (Utrecht), and Hammersmith Hospital, St Mary's Hospital and Imperial College (London). She became a Fellow of the Royal Colleges of Physicians in Ireland in 2003. She is currently an Associate Professor in Molecular and Cellular Therapeutics, RCSI. She holds specialist cardiovascular medicine clinics at Beaumont Hospital and at the National Maternity Hospital, Dublin. Particular research interests include;

hypertension, non-invasive measurement and imaging of vascular structure and function, cardiovascular genetics and personalized medicine. She is currently a Member of the International Society of Hypertension, the European Society of Hypertension, the European Council for Cardiovascular Research, the British Hypertension Society, and the Irish Heart Foundation's Council on High Blood Pressure. She has authored in excess of 80 peer-reviewed published papers, 4 book chapters, 4 editorials, and 10 reviews. Over the last 15 years she has received both fellowships and project grants from the European Society of Cardiology, the British Heart Foundation, the Medical Research Council (UK), the Engineering Physical Science Research Council (UK), the Health Research Board (Ireland), Charitable Infirmary Charitable Trust (Ireland), Enterprise Ireland, the Higher Education Authority (Ireland), and the European Commission Seventh Framework Programme.