

Dr Michael O'Reilly MB BCh BAO (Hons.) MRCP (Ireland)

Wellcome Trust Clinical Research Fellow
Honorary Specialist Registrar in Endocrinology

Endocrinology, Diabetes and Metabolism

Contact details

Telephone **+44 (0) 121 414 2764** (tel: +44 121 414 2764)

Email **m.oreilly@bham.ac.uk** (mailto:m.oreilly@bham.ac.uk)

Centre for Endocrinology, Diabetes and Metabolism
Institute of Biomedical Research
University of Birmingham
Edgbaston
Birmingham
B15 2TT
UK



About

Dr. Michael O'Reilly is a Wellcome Trust-funded clinical research fellow in CEDAM in the Institute of Biomedical Research. He is also an honorary specialist registrar in endocrinology in the Queen Elizabeth and Birmingham Women's Hospitals. Michael is currently undertaking a PhD in the tissue-specific mechanisms linking insulin resistance and androgen excess in polycystic ovary syndrome.

Qualifications

- Member of the Royal College of Physicians of Ireland 2007
- Bachelor of Medicine (Honours) National University of Ireland Galway 2005

Biography

Michael graduated in medicine with honours from the National University of Ireland Galway (NUIG) in 2005. He became a Member of the Royal College of Physicians of Ireland in 2007. Having completed the bulk of his clinical training in endocrinology in Ireland, Michael joined CEDAM at the University of Birmingham in August 2011. He successfully obtained a three-year Wellcome Trust clinical research training fellowship in 2012.

Teaching

Small group teaching (SGT) 1st and 2nd year MBChB

Postgraduate supervision

Membership candidate tutorials MRCP(UK)

Research

Michael is currently undertaking a PhD on the links between insulin resistance and androgen excess in polycystic ovary syndrome. This encompasses a clinical study conducted in the Wellcome Trust Clinical Research Facility as well as in vitro studies using primary human adipocytes and human adrenal cell lines. He is also studying the complex links between metabolism and fertility in a cohort of patients with loss-of-function mutations of the insulin receptor (INSR).

Other activities

Honorary Specialist Registrar in Endocrinology Queen Elizabeth Hospital and Birmingham Women's Hospital

Publications

Hazlehurst J, Armstrong M, Sherlock M, Rowe I, O'Reilly MW, Franklyn J, Stewart P, Tomlinson J (2012). A comparative quality assessment of evidence-based clinical guidelines in endocrinology. **Clin Endocrinol**; May 25 (epub ahead of print)

Dennedy MC, Avalos G, O'Reilly MW, O'Sullivan EP, Gaffney G, Dunne F (2012). Atlantic DIP: Raised maternal body mass index (BMI) adversely affects maternal and fetal outcomes in glucose tolerant women according to International Association of Diabetes and Pregnancy Study Groups (IADPSG) criteria. **J Clin Endocrinol Metab**; April; 97(4): E608-612

Mylotte D, Kavanagh GF, Pearse AJ, Tedesco AF, Carmody D, O'Reilly M, Foley DP, Agha A, Thompson CJ, Smith D, Kenny D (2012). Platelet reactivity in type 2 diabetes mellitus: a comparative analysis with survivors of myocardial infarction and the role of glycaemic control. **Platelets**; 23(6): 439-46

O'Reilly MW, Avalos G, Dennedy MC, O'Sullivan EP, Dunne F (2011). Atlantic DIP: High prevalence of abnormal glucose tolerance postpartum is reduced by breast-feeding in women with prior gestational diabetes mellitus.. **Eur J Endocrinol**; 165 (6): 953-9

O'Sullivan EP, Avalos G, O'Reilly M, Dennedy MC, Gaffney G, Dunne F; Atlantic DIP collaborators (2011). Atlantic Diabetes In Pregnancy (DIP): the prevalence and outcomes of gestational diabetes mellitus using new diagnostic criteria.. **Diabetologia**; 54 (7): 1670-1675

Gillespie P, O'Neill C, Avalos G, O'Reilly M, Dunne F; Atlantic DIP collaborators (2011). The cost of universal screening for gestational diabetes mellitus in Ireland. **Diabet Med**; 28 (8): 912-8

O'Reilly M, O'Sullivan EP, Davenport C, Smith D (2010). Dead-in-bed: A tragic complication of Type 1 Diabetes Mellitus. **Ir J Med Sci**; 179 (4): 585-7

