MEETING PROGRAMME

GALWAY DIABETES RESEARCH CENTRE
LAUNCH MEETING

FRIDAY 16TH NOVEMBER 2012

AULA MAXIMA
QUADRANGLE, NUI GALWAY

Sponsored By
Galway University Foundation
Millennium Fund, NUI Galway

Dr James Browne, President NUI Galway
Mr Bill Maher, CEO Galway and Roscommon
University Hospital Group
Mr Noel Daly, Chair of the Galway and
Roscommon University Hospital Group
MEETING PROGRAMME

8:00 Registration, Tea & Coffee

8:30 Welcome & Opening of Meeting
   Prof Fidelma Dunne
   School of Medicine, Co-director of the Galway Diabetes Research Centre

   Dr James J. Browne
   President of National University of Ireland Galway

   Mr Kenneth Sweeney
   Gaelic football player - Living with type 1 diabetes

SESSION 1       REGENERATIVE THERAPIES IN DIABETES MELLITUS

Chair:  Dr Thomas Ritter

9:00 – 9:10 Prof Tim O’Brien
Reducing Diabetic Damage Through Stromal Cell Administration (REDDSTAR)

9:10 – 9:20 Prof Abhay Pandit
Biomaterials for wound healing in diabetes mellitus

9:20 – 9:30 Prof Alan Stitt
Therapeutic potential of stem cells in diabetic retinopathy

9:30 – 9:40 Prof Matthew Griffin
Therapeutic potential of MSCs in Diabetes Mellitus based on immunomodulatory properties

Question & Answers

9:45 – 10:30 Prof James Shaw
Islet transplantation for type 1 diabetes

10:30 – 10:45 Coffee Break

SESSION 2       BASIC SCIENCE AND DIABETES MELLITUS

Chair:  Dr Amir Shafat

10:45 – 10:55 Dr Fabio Quondamatteo
ECM and diabetes mellitus
10:55 – 11:05  Prof Lokesh Joshi  
Glycoscience and diabetes mellitus

11:05 – 11:15  Prof Afshin Samali  
Apoptosis: relevance to diabetes mellitus

Question & Answers

MEDICAL GRAND ROUNDS GUEST SPEAKER

11:20 – 12:10  Prof Stephen O’Rahilly  
Human Metabolic Disease: Lessons from Genetics

12:10 – 13:00  Lunch

SESSION 3  DIABETES HEALTH SERVICES RESEARCH AND DIABESITY

Chair:  Prof Kathy Murphy
13:00 – 13:45  Dr Peter Hammond  
Technology to improve pregnancy outcomes for women with Diabetes

13:45 – 13:55  Dr Sean Dinneen  
Assessing diabetes structured education: the Irish DAFNE Study

13:55 – 14:05  Prof Fidelma Dunne  
ATLANTIC DIP: What have we learned

14:05 - 14:15  Dr Liam Glynn  
Data collection in the community: WestREN and the Irish Primary Care Research Network

14:15 – 14:25  Dr Francis Finucane  
Severe obesity in the West of Ireland

Question & Answers

14.30 – 15.15  Prof John Nolan  
Human Metabolism and the Diabetes Clinic: Translating for the Future

CLOSE OF MEETING

15:15 – 15:25  Mr Bill Maher  
CEO  Galway and Roscommon University Hospital Group
Guest Speakers

**Prof James Shaw**
Professor of Regenerative Medicine for Diabetes at Newcastle University. Honorary Consultant Physician at the Newcastle Diabetes Centre and Freeman Hospital.

He trained in diabetes and endocrinology in Aberdeen where he completed a PhD as an MRC fellow with Kevin Docherty exploring gene and cell replacement therapy for diabetes. A Glaxo-Smith-Kline senior fellowship enabled him to move to Newcastle and join the world-acclaimed diabetes team there. In addition to expanding his laboratory-based group, he has established a regional insulin pump service, is a member of the Newcastle pancreas transplant team and clinical lead for islet transplantation. Professor Shaw chairs the United Kingdom Islet Transplant Consortium who have attained dedicated NHS funding for this intervention as an established clinical procedure. He is Principal Investigator on the first UK multicentre grants to rigorously determine psychosocial and biomedical outcomes of islet transplantation. He has recently been awarded a £1.3M Diabetes UK multicentre grant to foster collaborative UK research in severe hypoglycaemia, optimised analogue treatment, pump therapy and continuous glucose monitoring.

He is also Newcastle lead for diabetic regenerative medicine, chairing the North East Stem Cell Institute Clinical Translation Working Group. He co-edited an international textbook with Prof James Shapiro: ‘Islet Transplantation and Beta Cell Replacement Therapy’.

**Professor Stephen O’Rahilly**
Professor of Clinical Biochemistry and Medicine
University of Cambridge

Stephen O’Rahilly graduated in Medicine from University College Dublin in 1981. From 1982 to 1991 he undertook postgraduate clinical and research training in general medicine, diabetes and endocrinology in London, Oxford and Harvard. In 1991 he obtained a Wellcome Trust Senior Clinical Fellowship and established his laboratory at the University of Cambridge. In 1996 he was appointed to a newly created Chair of Metabolic Medicine and in 2002 to the Chair of Clinical Biochemistry and Medicine at the University of Cambridge. He is the Director of the Institute of Metabolic Science Metabolic Research Labs. His research has been concerned with the elucidation of the basic causes of obesity and Type 2 diabetes at a molecular level. His work has uncovered several previously unrecognised genetic causes of these diseases including some that are amenable to specific treatment. He has won many awards for his work including the Society for Endocrinology Medal, the
European Journal of Endocrinology Prize, the Novartis International Award for Clinical Research in Diabetes, the Clinical Investigator Award of the Endocrine Society, the Heinrich Wieland Prize, the Rolf Luft Award, the Feldberg Award, the Society for Endocrinology Dale Medal and the InBev Baillot-Latour Prize for Health. He was elected to the Academy of Medical Sciences in 1999, to the Royal Society in 2003 and to the US National Academy of Sciences in 2011. He has a continuing commitment to clinical practice in endocrinology and diabetes and the teaching of clinical medical students. He has made important contributions to the development of infrastructure for clinical research on the Addenbrooke’s campus. He has contributed more generally to UK clinical science through his Chairmanship of the Wellcome Trust Clinical Interest Group, the Medical Research Society and of the MRC Translational Research Overview Group, and service on the research committees of several charities.

Dr Peter Hammond
Consultant in Diabetes and Endocrinology
Harrogate District Hospital, UK

Peter Hammond has been a consultant physician in Harrogate since 1996, where he has established a comprehensive service in diabetes and endocrinology, with nationally recognised expertise in insulin pump therapy. He has been involved in pump therapy research, including the landmark Five Nations Study, and has a particular interest in the use of insulin pumps in pregnancy. He has been an expert adviser to both NICE reviews of insulin pump therapy, is part of a DoH working group on implementation of the NICE guidance, and has been lead author on the ABCD position statements on insulin pump therapy and continuous glucose monitoring.

Prof John Nolan
CEO & director of STENO Diabetes Centre Denmark

Dr. Nolan’s appointment as Professor in Human Metabolism stems from his over 20 years’ experience in the investigation of insulin resistance in human subjects, including the study of insulin action in skeletal muscle and liver under various conditions. His research focus has also been on characterising the metabolic phenotype of extreme insulin resistance and further characterising resistance to the effects of aerobic exercise in patients with early onset type 2 diabetes.

He was the founder and director of the Metabolic Research Unit Trinity College Dublin (St James’s Hospital) from 1997-2010 before being appointed CEO and Head of Steno Diabetes Center in 2011. Dr. Nolan is also lead investigator on a recently funded European Commission 7th Framework project called DEXLIFE, looking at biomarkers in people with pre-diabetes that predict metabolic response to diet and exercise interventions.
GENERAL INFORMATION

REGISTRATION
All attendees must register at www.conference.ie. There is no fee to attend the meeting. Parking permits for this meeting are available to registered delegates only and must be displayed at all times.

CONTINUING PROFESSION DEVELOPMENT
Approved for 5 CPD Credits (category - external). The attendance register must be signed on the day of the meeting and certificates will be provided via email after the meeting.

MEETING LOCATION
The meeting will take place in the ground floor of the Aula Maxima. This is situated directly in front of the main entrance to the Quadrangle. Lunch will be served in the Aula Maxima, 1st floor.

Campus Maps (Quadrangle, parking)
Campus Map (PDF – NUIG campus)
Campus Map (Interactive)

PARKING
There is limited parking for conference delegates, on campus, Monday to Friday from 08.30 to 17.30 and it is recommended that you take a taxi to the venue if possible.

Permits have been arranged to facilitate access to the Park & Ride Park. Permits and a copy of the park and ride timetable are available on the conference registration website. These permits are available to registered delegates only and must be displayed at all times.

There are also a number of pay and display parking areas on campus. Access is available to all car parks evenings (after 17.30) and weekends.

All illegally parked vehicles, including cars not displaying a permit will be clamped.

GETTING TO/FROM GALWAY

Traveling by Car
Follow the directions below, or use this journey planner to plan your exact route

From the South
- From Cork or Limerick, approach Galway on the N18. You'll by-pass Ennis & Gort and pass through Adrahan and Clarinbridge.
• Arrive at the Oranmore roundabout just outside Galway. Take the second exit at this roundabout.

From Oranmore to NUI Galway
• Follow the dual carriageway (N6) until the Martin roundabout and take the second exit, sign-posted Galway West.
• At the next roundabout take the second exit, sign-posted Clifden.
• Continue on to Kirwan roundabout, take the second exit.
• Come to your sixth and last roundabout and take the fourth exit, sign-posted Clifden.
• Turn left at the next traffic lights, towards Lower Salthill. Continue on until the next traffic lights -- Distillery Road. Turn left. You'll be at the entrance to the car parks of the university.

From the North/ East
• From Dublin and Belfast, continue onto M4 (signs for Sligo). At junction 1, exit onto M6 toward Galway and follow signs for Galway.
• Arrive at roundabout off M6. Take the first exit at this roundabout and the third exit at the next roundabout just up ahead which will bring you on to the Dublin Road.
• Continue straight on the Dublin Road following the directions for City West to NUI Galway.

Travelling by Public Transport
Galway is easily accessible by public transport.

• Trains: Galway's train station is just off Eyre Square. The city's very well serviced by rail and only 2.5 hours away from Dublin. Find out more information on services and timetables.
• Buses: You can travel to Galway using frequent services offered by our public bus service, or use of the private bus services such as CityLink or GoBus. Direct (non-stop buses) take 2.5 hours.
• From the city centre, you can take a taxi to the university, or take the No.4 Bus in the direction of Newcastle from Eyre Square, near the train station, which is the normal drop-off point for buses.

Travelling by air
The university is within easy reach of Galway Airport, Knock Airport, Dublin, and Shannon airports.
• Galway Airport is only 5 miles east of Galway city. To get to the university, you can grab a taxi, or hire a car at the airport. Use this journey planner for directions to the university.
• **Shannon Airport** and **Knock Airport** are both just an hour's drive from Galway. To get to Galway, you can travel by bus with **Bus Eireann** or **CityLink**. Alternatively, car hire is easily available at these airports.

• **Dublin International Airport** is 3 hours drive from Galway city. You can fly from Dublin to Galway airport, or rent a car and drive using our **journey planner** to help you find your way. There are also a number of frequent and reliable **bus services** to choose from to travel to Galway.

**ACCOMMODATION**

Galway city offers a range of B&Bs, hotels, and hostels. Given the relative proximity of NUIG to the city centre and its transport links, walking times between city centre, accommodation and the college are usually 15 to 20 minutes (approximately).

Some local hotels
House Hotel: [www.thehousehotel.ie](http://www.thehousehotel.ie)
The Westwood: [www.westwoodhousehotel.com](http://www.westwoodhousehotel.com)

For further information on accommodation and local amenities please see - [Destination Guide (Discover Ireland)](http://www.discoverireland.ie)

**B&B**

A range of B&Bs can be found around the NUIG campus and particularly further west towards Salthill. A list of some in the city area can be found at: [Galway B&Bs](http://www.discoverireland.ie)