



Control and Management of Diabetes and Related Disorders

Addressing the latest drug and transplantation therapies and vascular effects

Evening Networking Event: Wednesday 31st January 2007, Institute of Child Health, London

Who should attend?

Chief Executives, Technology Directors and Senior Researchers involved in the area of therapeutic and imaging applications for diabetes and related disorders, as well as research institutions from London, the South East and the East involved in type 1 and 2 diabetes research.

Benefits of attending

- ◆ **LEARN ABOUT** the main challenges surrounding diabetes and related disorders research
- ◆ **ASSESS** the implemented methods to mutually treat diabetes and it's associated cardiovascular risk
- ◆ **FOCUS ON** the benefits of islet transplantation and imaging to aid the treatment of the diabetic syndrome
- ◆ **HIGHLIGHT** the available opportunities for collaborative research and partnerships between industry and academia

About us

London Technology Network is a not-for-profit organisation. We help companies succeed through technology-intensive innovation.

We are supported by



Speakers include:

Professor David Matthews
*Professor of Diabetes
Medicine, Chairman,
OCDEM, Consultant
Physician*
University of Oxford

Dr Leonard Fass
*Director of Academic
Relations*
GE Healthcare

**Professor Desmond
Johnston**
*Clinical Professor, Division of
Medicine*
Imperial College London

Michelle Swift
Head of Medical Affairs
Takeda UK

For further information, contact n.tamiollo@LTNetwork.org

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With the increased prevalence of obesity the number of people suffering from diabetes is increasing continually. This is proving to be a huge problem for the NHS and society as a whole. This seminar will explore this market and analyse the importance of industry and academic working together for future innovation.

More specifically this event will consider:

- ◆ What are the latest advancements in diabetes and related disorders?
- ◆ What are the most up-to-date developments in type 1 and 2 diabetes and related disorders?
- ◆ What opportunities are there for collaborative research and partnerships between the commercial and academic sectors?

17.45	Registration with tea and coffee	18.55	Looking at the technologies surrounding islet transplantation for the treatment of diabetes <ul style="list-style-type: none">◆ Evaluating the most up-to-date expertise involving islet transplantations◆ Looking at the challenges connected with the use of immunosuppressive drugs◆ Addressing the need for industry and academia to work together◆ Focussing on the necessity for further developments to address the present challenges <p>Professor David Matthews, Professor of Diabetes Medicine, Chairman, OCDEM, Consultant Physician, University of Oxford</p>
18.15	Introduction to aims and objectives of LTN Dr Supti Sarkar , Technology Analyst, London Technology Network		
18.30	Introduction by the chair to the key issues surrounding type 1 and type 2 diabetes <ul style="list-style-type: none">◆ Evaluating the problems related with diabetes and associated disorders ie nerve and eye damage◆ Looking at the syndrome as a whole ie the effects of glucose and glycemic end products and subsequent fibroses◆ Addressing the benefits of telemedicine for the control of diabetes and associated vascular disorders◆ Highlighting the importance of industry and academia working together <p>Chair: Professor Desmond Johnston, Clinical Professor, Division of Medicine, Imperial College London</p>	19.10	Evaluating the peripheral vascular damage associated with the diabetic syndrome <ul style="list-style-type: none">◆ Examining the overlap in imaging research between diabetes, vascular and cardiovascular problems◆ Stressing the latest technologies for measuring vascular damage to aid subsequent therapies◆ Accentuating the value of industry/academic collaborations to move research in impaired circulation forward <p>Dr Leonard Fass, Director of Academic Relations, GE Healthcare</p>
18.40	Assessing the viability of new drugs to treat type 2 diabetes <ul style="list-style-type: none">◆ Evaluating the need to jointly treat diabetes and its associated cardiovascular risk◆ Gauging the challenges associated with treating diverse disorders associated with diabetes◆ Stressing the fundamental need for industrialists, academics and healthcare providers to work together to reach joint goals <p>Michelle Swift, Head of Medical Affairs, Takeda UK</p>		
		19.25	PANEL DISCUSSION Question and answer session with the audience and speaker panel
		20.00	Networking wine and buffet reception & poster sessions from across London, the South East & East's universities showcasing their latest research in the area of diabetes & associated disorders

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David Matthews - UNIVERSITY OF OXFORD

David is currently Professor of Diabetes Medicine, University of Oxford, Consultant Physician, Oxford Radcliffe Hospital NHS trust and Chairman of the Oxford Centre for Diabetes, Endocrinology & Metabolism and he is Medical Tutor at Harris Manchester College, Oxford. He divides his time between patient care, research and teaching. His academic research interests include mathematical modelling of insulin resistance, homeostatic model assessment of beta-cell function and insulin resistance, ketones, therapeutic agents in type 2 diabetes, global obesity epidemic – Oxford Health Alliance - and he is deputy co-ordinator of the UK Prospective Study of Diabetes (UKPDS). Recently he has set up a web site of diabetes experiences which is www.diabetes-stories.com. His interest in epidemic chronic disease stems from the concern that we are facing a pandemic of diabetes found in both developing and developed countries.

Desmond Johnston - IMPERIAL COLLEGE LONDON

Professor Johnson trained in Edinburgh and Southampton conducting his PhD with Professor George Alberti. In 1986 he was appointed to the Chair of Clinical Endocrinology at St Mary's Hospital Medical School and the Royal Postgraduate Medical School, which became part of the Imperial College School of Medicine in 1996. He became Dean (Clinical) of Imperial College London in 2004 and in 2006 became Campus Dean for the St Mary's Campus of Imperial College. In July 2005, he was appointed Director of the UK Diabetes Research Network. His major interests currently are in the pathogenesis of Type 2 diabetes. He is investigating early, metabolic changes which are observed in people predisposed to develop Type 2 diabetes, but before the onset of the disorder.

Leonard Fass - GE HEALTHCARE

Leonard Fass is the Director of Academic Relations at GE Healthcare. He has a degree in Electrical Engineering and a Ph.D. in Materials Science from Imperial College. He has spent the last 37 years in the field of medical technology in R&D and marketing roles. His expertise covers biomedical imaging, nanotechnology, body sensor networks, bioinformatics and individualized healthcare. He serves on the Business and Industry Advisory Committee to the OECD and the US Council for International Business for New and Emerging Health Related Technologies. He is part of the Strategy Group on Photonics of the DTI. He is an advisor to organizations such as the EC, SEEDA, CRUK, HRUK, NICE and the Wellcome Trust.

Michelle Swift - TAKEDA UK

Michelle Swift has worked in the Pharmaceutical Industry for fourteen years and held a number of roles in Medical Affairs and Pharmacovigilance. Michelle started working at Takeda 9 years ago and is currently Head of Medical Affairs.

Supti Sarkar - LONDON TECHNOLOGY NETWORK

Dr Supti Sarkar works as a Technology Analyst at the London Technology Network (LTN). Supti specialises in the life sciences sector concentrating on technologies within the Pharma, Biotech and Food Industries. Prior to joining LTN, Supti worked in Supply Chain Management at Unilever, working as part of the European Team at Unilever to enable cost saving measures to be introduced across the supply chain. Since joining LTN in September 2005, Supti has worked to help companies across the world engage effectively with academics in the South East of England, in order to help them address their technology needs. Supti holds a degree and Ph.D in Biochemical Engineering from University College London.

SPONSORSHIP

This unique event will be an excellent forum to initiate new relationships through tailored networking and a showcase of the latest academic research. LTN offers a range of sponsorship packages to enhance your brand, for further information contact Kate Ray on **0870 730 8682** or email k.ray@ltnetwork.org.

How to get there

All events are by INVITATION ONLY

Venue:

Institute of Child Health ★

30 Guildford Street
London
WC1N 1EH

020 7242 9789

<http://www.ich.ucl.ac.uk>

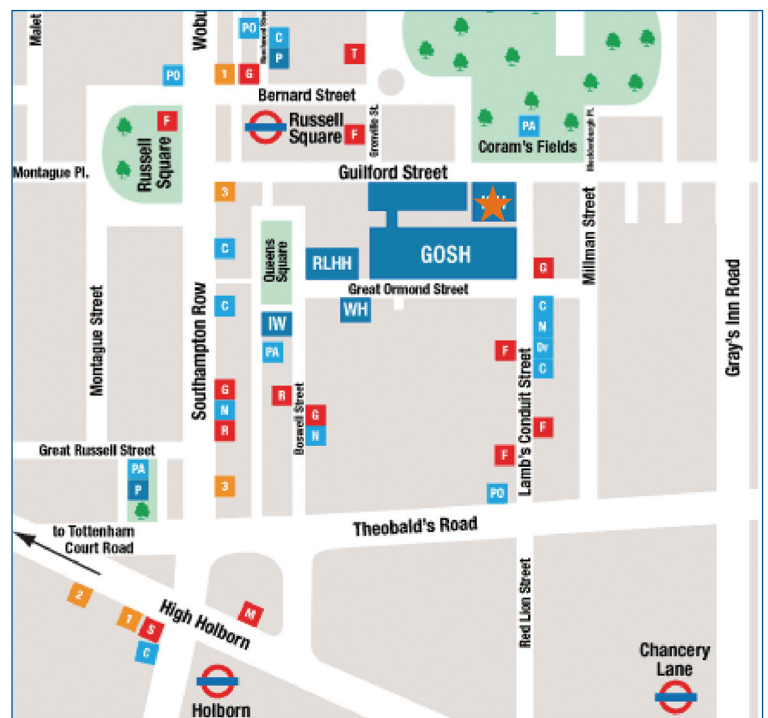
Directions:

By Underground

The ICH is within walking distance from Russell Square (Piccadilly line) and Holborn (Piccadilly and Central lines).

By road

As the ICH is in the centre of London, parking is very limited and generally on a 'pay and display' basis for a maximum of four hours. There are also two NCP car parks near the hospital.



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