

# WHO WE ARE

Last Updated : Jan 2019

OCDEM

Factsheet No.1

## *Welcome to the Division of OCDEM*

The Oxford Centre for Diabetes, Endocrinology and Metabolism (OCDEM) is a pioneering centre which combines clinical care, research and education in diabetes, endocrine and metabolic diseases.

By promoting world-class research, it aims to enhance understanding of these diseases, and to accelerate the search for new treatments and cures.

Patients attending OCDEM are provided with a first class integrated care service.

The centre is fitted with top quality integrated laboratories and facilities for basic science and clinical research, and brings together the research and clinical expertise of groups investigating a wide range of related diseases at Oxford University.

OCDEM conducts teaching and research in the context of clinical care and expedites the translation of research findings into clinical practice. Please see [www.ocdem.ox.ac.uk](http://www.ocdem.ox.ac.uk) for further information.

The OCDEM incorporates under one roof facilities for scientists, clinicians, teachers, care workers, secretaries, doctors, dieticians, nurses, administrators, podiatrists, statisticians, technologists, biochemists and mathematicians who are working collaboratively to optimise our research, clinical care and teaching.



## *Key People*

**Head of OCDEM Division**  
*Professor Fredrik Karpe*

**Principal Investigators**  
*Professor Amanda Adler*  
*Professor Leanne Hodson*  
*Professor Paul Johnson*  
*Associate Professor Katharine Owen*  
*Professor David Ray*  
*Professor Patrik Rorsman*  
*Professor Rajesh Thakker*  
*Professor Jeremy Tomlinson*

**Lead Administrator**  
*Lynne Whay*

**Deputy Administrator**  
*Charlotte Kelly*

**HR Assistant**  
*Isabel McCarthy*

**Health and Safety Officer**  
*Thomas Clague*

**NHS Consultants**  
*Dr Bahram Jafar-Mohammadi*  
*Dr Aparna Pal*  
*Dr Alistair Lumb*  
*Dr Rustam Rea*  
*Dr Garry Tan*  
*Dr Helen Turner*

**Head of Radcliffe Department of Medicine**  
*Professor Hugh Watkins*

Oxford Centre for Diabetes, Endocrinology and Metabolism

## **Welcome from the Head of Department**



*I would like to take this opportunity to welcome you to the Oxford Centre for Diabetes, Endocrinology and Metabolism (OCDEM).*

*I very much hope that you will enjoy working in OCDEM and that you will be made welcome and supported in your new role. The opportunities for staff development and training in the university are amongst the best in the higher education sector and I hope you will take advantage of every opportunity on offer.*

*The research work of the department takes place in OCDEM <http://www.ocdem.ox.ac.uk/home> and the WTCHG <http://www.well.ox.ac.uk/home>. The co-location with NHS services puts the*

*department in an excellent position with basic researchers working alongside clinicians in diabetes, endocrinology and metabolism. This has benefits for both researchers and clinicians by improving research capacity, improving access for researchers to patients, and facilitating the interaction between clinicians and basic scientists that is essential for meaningful medical research. The integration of the NIHR Oxford Biomedical Research Centre Diabetes Theme and the Oxford Academic Health Science Network within OCDEM also promote the transfer of high quality translational research into our clinical practice.*

*There is a substantial teaching activity related to the postgraduate education of DPhil students based in the department and clinical teaching of medical students and junior doctors working within the department. We are privileged to host some of the world's most eminent speakers at our Wednesday Lunchtime Seminar. I would also recommend the excellent Friday lunch time lecture series, which is internal and would give you a good feel for the breadth and depth of all research activities within OCDEM.*

*Lastly, the department prides itself on Athena Swan activities and charitable events, and science open days. The admin team make a huge effort to raise money for Sobell House through family-friendly events at Halloween, Christmas and Easter. We would also encourage you to get involved in these activities and contact the admin team or <http://www.ocdem.ox.ac.uk/staff-events> for further information.*

*May I wish you every success with your career in OCDEM, I look forward to meeting you.*



**Professor Fredrik Karpe**

Oxford Centre for Diabetes, Endocrinology and Metabolism

## ***The Principal Investigators within OCDEM***



### **Hodson**

Professor Leanne Hodson heads the unit that runs metabolic studies in humans. Her work focuses on human physiology, with a particular focus on liver metabolism. Studies are undertaken in humans at the whole-body and cellular level. Associate Professor Hodson is the Deputy Director of Graduate Studies and the Athena Swan Academic Lead.



### **Karpe – Metabolic Research Group/CRU**

The main focus of the Professor Fredrik Karpe's Metabolic Research group is to understand the links between obesity and metabolic dysfunction, such as development of type 2 diabetes or cardiovascular disease. We recognize that human adipose tissue depots have different functions and this is interrogated using cellular, human genetic and physiological models in humans.

He established the Oxford Biobank which is 7500-people strong population-based cohort of participants used for translational studies <http://www.oxfordbiobank.org.uk/>. The Oxford Biobank is part of the National NIHR Bioresource with the same remit. He is also the Clinical Lead of the Clinical Research Unit (CRU) in OCDEM which is a 10-bedded facility to enable clinical and physiology investigation.

**Oxford Centre for Diabetes, Endocrinology and Metabolism**



**Owen**

Associate Professor Katharine Owen's work focusses on the genetic aetiology of diabetes in young adults, the characterisation of rare kinds of diabetes and the development of diagnostic protocols for monogenic diabetes. She established the Young Diabetes in Oxford study, a resource of over 1200 individuals with young-onset diabetes in the Thames Valley. She is also a clinical consultant, leading on the young adult and monogenic diabetes services. Dr Owen is Diabetes Clinical Lead for the Oxford Academic Health Science Network.



**Ray**

Professor David Ray has developed a strong focus on biological timing, especially circadian mechanisms regulating inflammation, and energy metabolism. This brings together his interest in nuclear receptor biology, as the majority of these ligand-activated transcription factors lie under circadian control.

His work is currently supported by MRC (project and programme grants) and a Wellcome Investigator award. He remains clinically active in endocrinology, and maintains a strong interest in early career researcher development.

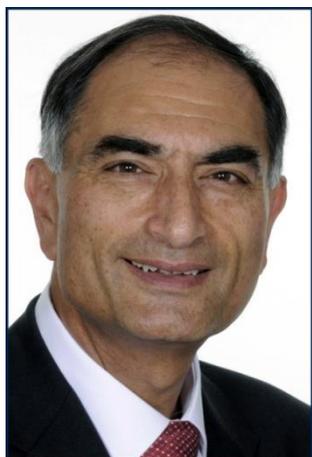


**Rorsman**

Professor Patrik Rorsman's group focuses on molecular and cellular control of pancreatic islet function. Islet isolation, electrophysiology and hormone secretion measurements are key technologies.

The goal of this group is to understand how metabolic fuels, circulating hormones and neurotransmitters regulate pancreatic islet hormone secretion (via changes in electrical activity) and the disturbances that are associated with diabetes. Work is conducted using rodent and human islets (obtained from the clinical islet isolation and transplantation centre). Professor Rorsman is a Wellcome Trust Senior Investigator and a Fellow of the Royal Society.

Oxford Centre for Diabetes, Endocrinology and Metabolism



**Thakker**

Professor Rajesh Thakker's group focuses on the molecular genetics of endocrine related, oncological and metabolic bone disorders.

The current focus of the group's activities is to translate recent advances in our understanding of the genetics of calcium and metabolic bone disorders into molecular mechanisms for disease. The emphasis is on understanding mechanisms for endocrine tumourigenesis, developmental biology and bone dysfunction using a combined cell and molecular biological and human physiological approach. Professor Thakker is a Fellow of the Royal Society, NIHR SIA.



**Tomlinson**

The main research aim of Professor Jeremy Tomlinson's research group is to understand the role of steroid hormones in obesity, diabetes and non-alcoholic fatty liver disease. He runs a truly translational program of research incorporating molecular biology with cell models as well as interventional clinical studies. Through our increased understanding of the molecular mechanisms by which steroid hormones modulate metabolic phenotype, including lipid and carbohydrate metabolism as well as insulin signalling and action, we hope to identify and validate novel biomarkers of disease and develop potential therapeutic targets that may limit disease progression and offer significant clinical benefit.

## NHS Consultants



### Lumb

Dr Alistair Lumb main research interests are Exercise in Type 1 Diabetes, including the use of caffeine to reduce hypoglycaemia and the management of insulin pump therapy for aerobic exercise. He is also interested in developing some research into what makes a successful integrated diabetes service and how this impacts on cost, patient experience and health outcomes.

Dr Lumb's clinical interests are in antenatal diabetes, transition from paediatric to adult services (and the care of young adults with diabetes), care of patients on insulin pumps, diabetic foot disease and the management of sport and exercise in type 1 diabetes. He is also a general physician, and is very interested in how to improve the care of inpatients with diabetes, something which is a big focus for the Trust at the moment.



### Rea

Dr Rustam Rea: His main research interest is in evaluation and implementation of Integrated Care for patients with Diabetes. He is also interested in the use of new technologies for patients with Type 1 Diabetes

Dr Rustam Rea: His clinical interests are in Insulin pump therapy, transitional care for young people with Diabetes and Antenatal care

**Oxford Centre for Diabetes, Endocrinology and Metabolism**



**Tan**

Dr Garry Tan is the Clinical Lead and his research interests is in obesity, lipodystrophy and basic and translational work with cannabinoids

Dr Tan's clinical interests are in lipids in diabetes.



**Turner**

Dr Helen Turner's main research interests are pathophysiology and management of pituitary tumours

Dr Turner's clinical interests are in endocrinology and she runs the adult Turner's Syndrome clinic

She is clinical lead for governance and has an active interest in legal issues relevant to medical care.



**Jafar-Mohammadi**

Dr Bahram Jafar-Mohammadi's main clinical interest are in endocrinology and the management of neuroendocrine, pituitary and adrenal tumours.

His clinical interest also encompasses endocrine oncology and late effects of cancer treatment.

Dr Jafar-Mohamamdi's research interests are in evaluating the pathophysiology of endocrine tumours and also the management of pituitary and neuroendocrine disorders



### Pal

Dr Aparna Pal's previous research interests include molecular and physiological studies in rare cancer syndromes to gain insight into mechanisms of insulin sensitivity and secretion.

Her current research interests are in the natural history and management of pituitary tumours.

Dr Aparna Pal's clinical interests are in Endocrinology with a focus on management of pituitary tumours, reproductive and antenatal endocrinology.



## **Administration Team**

The OCDEM administration team is led by Lynne Whay Departmental Administrator, the team consists of the following staff who provide support for Finance, Personnel, Grants and Facilities.

**Departmental Administrator:** Lynne Whay

**Deputy Departmental Administrator:** Charlotte Kelly

**HR Apprentice:** Isabel McCarthy

**Finance/Facilities Officer:** Sara Massey

**Purchasing Officer:** Karen Parish

### **Generic Email Addresses:**

Purchasing	<a href="mailto:purchasing@ocdem.ox.ac.uk">purchasing@ocdem.ox.ac.uk</a>
Research and Grants	<a href="mailto:grants@ocdem.ox.ac.uk">grants@ocdem.ox.ac.uk</a>
Human Resources	<a href="mailto:ocdem.personnel@ndm.ox.ac.uk">ocdem.personnel@ndm.ox.ac.uk</a>
Graduate Studies	<a href="mailto:graduate.studies@ocdem.ox.ac.uk">graduate.studies@ocdem.ox.ac.uk</a>
Facilities	<a href="mailto:ocdemfacilities@ocdem.ox.ac.uk">ocdemfacilities@ocdem.ox.ac.uk</a>
Accounts Payable	<a href="mailto:accountpayable@ocdem.ox.ac.uk">accountpayable@ocdem.ox.ac.uk</a>

**For more information about admin team, please visit:**

<http://www.ocdem.ox.ac.uk/about-us>

## **Admin Team Responsibilities**

Accounts Payable	Karen Parish	857209
Expense Claims	Karen Parish	857209
Facilities Management	Sara Massey	857215
Funding Opportunities	Lynne Whay	857212
General Ledger Account Management	Lynne Whay	857212
Grant Applications	Lynne Whay/Charlotte Kelly	857212
HR Management	Isabel McCarthy/Charlotte Kelly	857122 / 857214
Invoice Processing	Sara Massey	857209
IT	IMSU	(731)89405
Petty Cash	Karen Parish	857209
Post Award Research Management	Lynne Whay/Charlotte Kelly	857212
Purchase Orders	Karen Parish	857209
Recharges	Karen Parish	857209
Research Contracts	Lynne Whay	857212
Student Payments	Charlotte Kelly	857216
Supplier Queries	Karen Parish	857209
Travel Insurance Claims	Karen Parish	857216

## **Directions to the Administration Office**

On arrival at OCDEM, go through Reception and through the double doors to the "Main Hospital". Turn right towards "OCDEM Takeda Wing". Take lift/staircase and go up to Level 2. Exit the lift/stair lobby and go through swipe door, turn right and go through swipe door. Follow the corridor and turn left, the Admin Office is on your right. If coming from the spiral staircase go to Level 2, take a right at the top of the spiral staircase, go through the glass door then through swipe door on the right and then the Admin Office is on your left.

## **For More Information Contact**

**OCDEM**  
Radcliffe Department of Medicine  
University of Oxford  
Churchill Hospital  
Oxford OX3 7LE  
Tel: 01865 857214

E-mail: [ocdem.personnel@ndm.ox.ac.uk](mailto:ocdem.personnel@ndm.ox.ac.uk)  
Website: [www.ocdem.ox.ac.uk](http://www.ocdem.ox.ac.uk)