OCDEM BULLETIN

FOR UNIVERSITY STAFF

WEEK COMMENCING 22 OCTOBER 2018
ISSUE NO 161

SEMINARS
There is no Wednesday Seminar this week.

Friday Seminar
This week's Friday seminar organised by the OCDEM Senior Academic Faculty will be a talk on **"Regulation of Islet Function by the HPA axis"** by Dr Linford Briant. The talk will begin promptly at 1pm in the Robert Turner Lecture Theatre and sandwiches for those attending will be available from 12:45

MEDICAL GRAND ROUNDS

Thursday 25 October from 13:00 to 14:00
John Radcliffe Hospital, Lecture Theatre
OCDEM: "Glucocorticoid action, and inaction", Prof David Ray
Rheumatology: "What can Moving Medicine do for you?", r Natasha Jones, Dr Hamish Reid, Dr Ralph Smith and Dr Stefan Kluzek
Chair: Prof Chris O'Callaghan

VACANCIES IN THE DEPARTMENT

POSTDOCTORAL RESEARCH SCIENTIST IN BIOINFORMATICS AND NETWORK ANALYSIS
Grade 8: £40,792 - £48,677 with a discretionary range to £53,174 p.a.

We are seeking an ambitious and enthusiastic Postdoctoral Research Scientist to work within the world-leading research team headed by Professor Mark McCarthy at the Wellcome Centre for Human Genetics at the University of Oxford.

The principal focus of this research post will be the development and implementation of network analysis and machine-learning methods to a number of multi-omic data sets that we have been generating. These projects (including DIRECT and MultiMUTHER) are focused on delivering a better understanding of the development and progression of type 2 diabetes, and its complications, and the data-sets we have generated are unique in terms of their sample sizes, depth of clinical and omic phenotyping, and the repeated measures available. Analysis of these data-sets calls for the application of innovative approaches to the analysis of large-scale, longitudinal, multiomic data that we have been developing with colleagues in Oxford and elsewhere.

This post will provide opportunities to develop a specific focus in these or other areas, enabling the successful candidate to build evidence of independent working to support subsequent funding and fellowship applications.

Candidates should hold a PhD/DPhil or equivalent degree in biochemistry, molecular biology, computer sciences, bioinformatics or a closely related field, and postgraduate expertise (in academia or industry) in the analysis of large, complex, biological data sets, including (ideally) network and machine learning approaches.

The position is full-time, fixed-term for 2 year in the first instance.

Please quote reference 136833 on all correspondence. You will be required to upload a CV and supporting statement as part of your online application.

Only applications received before 12.00 midday on 24 October 2018 can be considered.

POSTDOCTORAL RESEARCH SCIENTIST IN HUMAN GENETICS

Grade 7: £32,236 - £39,609 with a discretionary range to £43,267 p.a.

We are seeking an enthusiastic, ambitious Postdoctoral Research Scientist to work within the world-leading research team headed by Professor Mark McCarthy at the Wellcome Centre for Human Genetics at the University of Oxford.

The principal focus of this post involves research to detect and characterize genetic variants associated with type 2 diabetes and its complications. The post will involve analysis and interpretation of large-scale human genetic data (generated by GWAS and exome sequencing) for phenotypes such as diabetic nephropathy and neuropathy, and the integration of large-scale genetic and epigenomic data to provide mechanistic insights and translational opportunities.

The research will have a strong collaborative dimension, involving interaction with colleagues in Europe and North America. In addition to these project-related activities, the person in post will have ample opportunities to develop their own research interests and projects, enabling them to build evidence of independent research working that can support subsequent funding and fellowship applications. We encourage members of the group to support science outreach through public engagement and social media.

Candidates should hold or be close to completion of a PhD/DPhil or equivalent degree in biochemistry, molecular biology, bioinformatics, statistical genetics, or a closely related field. They should have experience in the analysis of large genetic and genomic data-sets and strong programming skills.

The position is full-time, fixed-term for 2 years in the first instance.

Please quote reference 136830 on all correspondence. You will be required to upload a CV and supporting statement as part of your online application.

Only applications received before 12.00 midday on 24 October 2018 can be considered.

POSTDOCTORAL RESEARCH SCIENTIST IN ISLET GENOMICS

Grade 7: £32,236 - £39,609 with a discretionary range to £43,267 p.a.

We are seeking an enthusiastic, ambitious Postdoctoral Research Scientist to work within the world-leading research team headed by Professor Mark McCarthy at the Wellcome Centre for Human Genetics at the University of Oxford.

The main focus involves the analysis of a wide range of functional sequencing data (including RNA-Seq, ATAC-Seq, whole genome methylation sequencing) that we have generated from human islets and cell-lines (including differentiated stem cells). The role involves responsibilities for the QC and analysis of existing and ongoing data sets and their integration of those data with other relevant genetic, epigenomic, cellular and molecular data to which we have access. We are also increasingly deploying single-cell methods – including CROP-Seq – to characterise the consequences of gene perturbation, and the person in this post will lead on these efforts.

The research will have a strong collaborative dimension, involving interaction with colleagues in Europe and North America. In addition to these project-related activities, the person in post will have ample opportunities to develop their own research interests and projects, enabling them to build evidence of independent research working that can support subsequent funding and fellowship applications. We encourage members of the group to support science outreach through public engagement and social media.

Candidates should hold or be close to completion of a PhD/DPhil or equivalent degree in biochemistry, molecular biology, bioinformatics, statistical genetics, or a closely related field. They should have experience in the analysis of large genetic and genomic data-sets and strong programming and computational skills.

The position is full-time, fixed-term for 2 years in the first instance.

Please quote reference 137186 on all correspondence. You will be required to upload a CV and supporting statement as part of your online application.

Only applications received before 12.00 midday on 24 October 2018 can be considered

RESEARCH ASSISTANT IN HUMAN METABOLISM

Oxford Centre for Diabetes Endocrinology and Metabolism (OCDEM), Oxford

Grade 6: £28,660 p.a.

An exciting opportunity has arisen for a Research Assistant, within Metabolic Research Group led by Professors Leanne Hodson and Fredrik Karpe in the Oxford Centre for Diabetes, Endocrinology and Metabolism (OCDEM).

The Metabolic Research Group applies an integrated approach to human metabolic disease which involves genetic, genomic, cell biology and whole body metabolic studies to understand the pathogenesis of the complications of obesity such as fatty liver disease, type 2 diabetes and cardiovascular disease.

The successful applicant will join an interdisciplinary team from the Hodson and Karpe laboratories. They will assist in ongoing projects and the development of new projects using in vitro cellular models, to investigate the effect of specific nutrients on human metabolism. The post holder will have responsibility for both supporting and undertaking several key aspects of work within the lab including in vitro cell culture of human liver cells (primary and cell-lines), RNA extraction from human tissues and cells, and undertaking stable-isotope analysis. They will be responsible for managing their own time and resources within the context of their role, and the requirements and objectives associated with their position.

The postholder will support the work of metabolic research group and report to Professor Leanne Hodson.

Candidates should have relevant laboratory experience.

The position is full-time, fixed-term for 6 months in the first instance, and funded by the BBSRC.

Please quote reference 137658 on all correspondence. You will be required to upload a CV and supporting statement as part of your online application.

Only applications received before 12.00 midday on 24 October 2018 can be considered. The Interviews will take place on 30 October 2018.

APPRENTICE BUSINESS ADMINISTRATOR

Apprentice Grade 1: £17,079 p.a. (salary progression through successful completion of programme)

You will work as an Apprentice Business Administrator within the Oxford Centre for Diabetes Endocrinology and Metabolism (OCDEM) friendly and supportive team, providing clerical and administrative support to our Professors within the Department.

You will have an interest in, and aptitude for all aspects of office administration. You will learn to provide support to our Professors and their teams, in the areas of diary management, event organisation, communications, training courses, recruitment and more.

This is a unique opportunity for an enthusiastic and driven individual keen to gain practical administrative experience within a fast-paced and successful team. You will be allocated a primary set of duties (see below) and as your skills develop, there will be an opportunity to widen your skills, or focus on specific areas.

The role is an excellent opportunity for someone who is interested in performing a diverse set of activities, someone who is capable of working at an efficient and fast pace, and willing to learn all aspects of a this admin role.

Becoming an Apprentice at the University of Oxford is an excellent opportunity to gain practical experience and training. For more information visit: www.apprenticeships.ox.ac.uk

The position is full-time and fixed-term for 18 months in the first instance.

Please quote reference 137540 on all correspondence. You will be required to upload a CV and supporting statement as part of your online application.

Please apply via the apprenticeship website

Only applications received by 12.00 midday on 25 October 2018 can be considered. The interviews will be held on Monday 5 November 2018.

OUTSIDE APPOINTMENT REMINDER:

It is that time of year again where we are asked to record any outside appointments held by staff. The Outside appointment forms have been updated and the revised forms can be found at
http://www.admin.ox.ac.uk/personnel/staffinfo/academic/approvaltoholdoutsideappointments/

If you **do hold** any outside appointments please complete the form OA1. If you **do not hold** any outside appointments could you please complete the form ANNEXE E OA2. I would be grateful if you could return your forms by **31 October 2018** to
ocdem.personnel@ndm.ox.ac.uk

Every year we are required to report the University's total number of consultancies to HEFCE. The reported figure drives funding for the Higher Education Innovation Fund which is worth £2.85M/year to Oxford, so it is very important that all consultancies are reported. No information about individuals is reported to HEFCE, just totalled figures.

Departments are asked to record details of consultancies with business, the public sector (including the NHS) and NGOs/charities held by their staff which have not been arranged via Oxford University Consultancy. There is a separate mechanism for recording consultancies arranged via OUC so these do not need to be entered into Core– our HR system (although please do enter consultancies if it is not clear whether or not they were arranged via OUC). There is no need to record any other kinds of outside appointment such as directorships or visiting professorships.

If you are not sure whether you hold an outside appointment please visit the link
http://www.admin.ox.ac.uk/personnel/staffinfo/academic/approvaltoholdoutsideappointments/

May we take this opportunity to thank all those who do keep us up to date with their outside appointments.

TRAINING

Stata is a powerful quantitative software package that provides everything you need for data management and manipulation. We have courses for beginners and existing users. If you use Stata or think it might be useful - take a look at these:

Stata: A beginner's tour

This course provides participants with an overview of Stata, its capabilities (data management, statistical analysis and production of high-quality graphs) and the Stata interface. The benefits of coding or programming, as opposed to menu driven use of Stata, are discussed, the importance of keeping a record of commands used in the form of a do-file is emphasised.This is in preparation for the subsequent Stata courses, which focus on the use of coding for data manipulation and analysis.Participants will have a chance to gather hands-on experience of Stata, familiarising themselves with the different windows and the concept of writing and running simple commands from the do-file.

Wednesday 24 October 12:30-13:30

Staff £10/Students £5

Book and Pay

Stata: Data access and management

Stata is a powerful quantitative software package that provides everything you need for data management and manipulation as well as descriptive, statistical, graphical and survey analysis of quantitative data. This course is an introduction to Stata.

Wednesday 24 October 14:00-17:00

Staff £30/Students £15

Book and Pay

Stata: Data manipulation and descriptive statistics

This course covers many of the most commonly used and most useful commands for more complex (and more realistic) data manipulation and analysis. Some previous experience of Stata is necessary - equivalent to 'Stata: Data access and management'. Participants will be guided to work in .do files, and will be expected to follow closely and replicate the work of the Stata instructor.

Wednesday 31 October 14:00-17:00

Staff £30/Students £15

Book and Pay

Stata: Statistical analysis and graphs

This module covers a number of key areas in Stata. You will learn about the analysis of survey data and how to make graphs. How to perform common statistical analyses is also covered, although the emphasis is on the Stata commands and interpretation of output rather than on teaching statistics. The previous two Stata courses ('Stata: Data access and management' and 'Stata: Data manipulation and descriptive statistics') would be a good starting base, however broader statistical and methodological knowledge is also expected.
Wednesday 7 November 14:00-17:00
Staff £30/Students £15
Book and Pay

Spreadsheets: Good practice in spreadsheet design

Learn to create workbooks that are clear and easy to work on, both for manipulating data accurately and for reviewing and understanding what the data means. This workshop will take you through the process of setting out a workbook so that it is well structured and efficient to work with, especially if you are collaborating or sharing with colleagues. We will provide you with key skills to master Excel (or similar software) beyond the everyday level. A range of time-saving techniques are covered, for creating a well-structured workbook that is easy to revise and manage.
Thursday 25 October 09:15-12:15 Book and pay
Wednesday 7 November 09:15-12:15 Book and pay
Staff £30/Students £15

Spreadsheets: Good practice with charts

Do you need to include graphs in a report or a research paper and would like to understand the principles of data visualisation as well as the mechanics of producing charts in Excel? This session provides guidance on which charts to use in both administrative and research situations and how to use them to convey messages clearly and effectively.
Monday 29 October 09:15-10:45 Book and pay
Staff £15/Students £7.50

Spreadsheets: Good practice with lookups

Do you need to perform calculations with, or select information from, a table of data in Excel? This session shows you how to specify criteria and use Excel's lookup functions to retrieve only the results that you need from spreadsheet tables of any size. Functions used will include COUNTIF, VLOOKUP, MATCH and INDEX.
Monday 29 October 11:15-12:45 Book and pay
Staff £30/Students £15

Spreadsheets: Good practice with pivot tables
Working with different types of large data sets producing PivotTables to summarise data. Using the features in the PivotTables to enable you to create reports, slicers, calculated fields as well as grouping and sorting data.
Monday 29 October 14:00-16:00 Book and pay
Staff £20/Students £10

Spreadsheets: Effective data management
Have you ever been using a spreadsheet that somehow got out of control or started producing unexpected errors? This session provides an introduction to effective tools and techniques for planning, creating and maintaining spreadsheets. It shows you how to find and solve existing errors as well as introducing procedures that prevent new errors arising. The session also explains how to evaluate and "tame" a spreadsheet that you inherit so that you can deploy it effectively.
Wednesday 31 October 09:15-12:15 Book and pay
Wednesday 21 November 09:15-12:15 Book and pay
Staff £30/Students £15

Project 2013 for university activities
This one-day course will provide an introduction to MS Project 2013. The course will cover how the package can be used to help plan, monitor and control a project. It will show how MS Project can be used to track project progress against a schedule and a budget.
Thursday 1 November 09:15-16:15 Book and pay
Staff £60/Students £30

OMH Postdoc Association

Would you like to meet other postdocs working in the area of metabolic health from across the University as well as from Novo Nordisk Research Centre Oxford?

If so, please get in touch!

We would like to start an association to give these researchers new opportunities to share ideas, expertise and interests. A number of people from several departments are interested in helping to organise this, but we would like some representation from OCDEM. Come and help shape this new venture! Contact jane.itzhaki@medsci.ox.ac.uk if you're interested.

It's Pippin Doughnuts time again. They will be delivered on Thursday and the flavours this month are as follows:

Mixed berry jam
Vanilla custard
Chocolate
Cinnamon and brown sugar
Lemon curd
Apple, blackberry and custard
Coffee and walnut (ring doughnut)
Chocolate and coconut
The price is £1.10 per doughnut. If you/your group wants to put in an order can you please provide Karen Parish with the details by **4 pm on Monday** (note earlier than normal) along with the relevant money. Karen will take delivery of the doughnuts on the day.

MEET & GREET THE NOVO NORDISK RESEARCH CENTRE OXFORD TEAM

When: 24th October from 9.30 to 11.30

Where: Innovation Building, Old Road Campus, second floor

⭐ **Meet the NNRCO team**

⭐ **Learn about the research being undertaken**
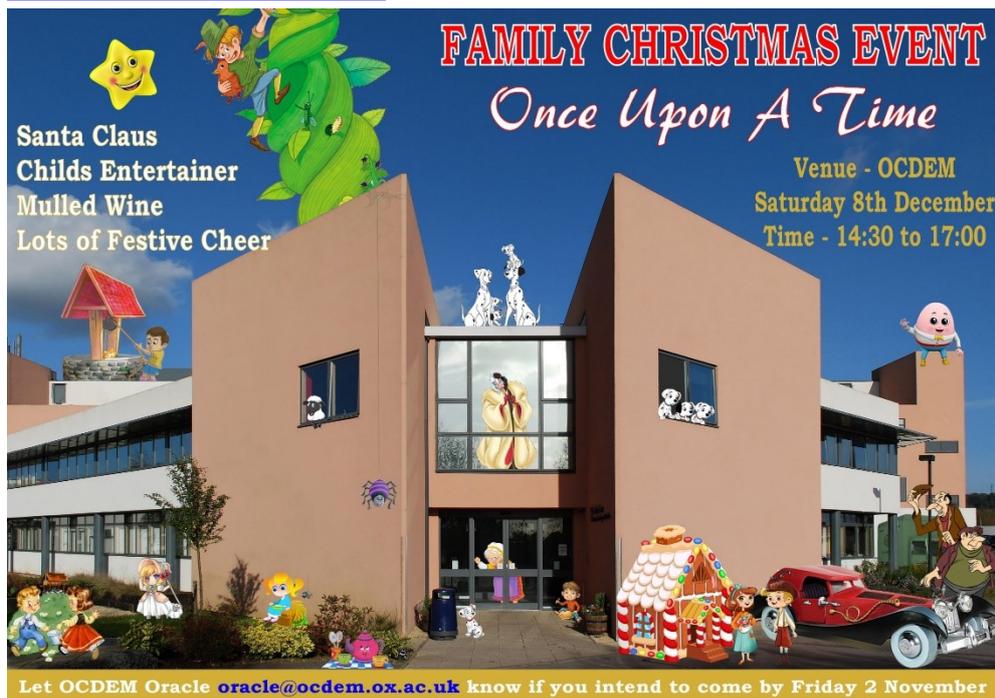
⭐ **Discuss collaborative ideas**

All academics, students and staff welcome – especially those looking to apply for the Autumn 2018 Pump Priming fund or a joint fellowship application.

Get in touch & let us know you are coming....

Siobhan.Dennis@medsci.ox.ac.uk or
DoLu@novonordisk.com

REMINDER IF YOU ARE COMING TO THE CHRISTMAS FAMILY EVENT PLEASE LET ORACLE@OCDEM.OX.AC.UK BY 2nd NOVEMBER

HELPERS WANTED

Preparations for the Family Christmas Event are in full swing and helpers are needed for on the day. If you are able to help on Saturday 8th December then please let Karen Parish know.

MODERN GLASS EXTENDING TABLE AND 4 CHAIRS FOR SALE

L = 140 cms, W = 90 cms, H = 76 cms

£200 ono

Collection only from Kidlington, Call/text 07957 977115