

# OCDEM BULLETIN



## FOR UNIVERSITY STAFF

WEEK COMMENCING 28 JANUARY 2019

ISSUE NO 172

### SEMINARS

This week's Wednesday seminar will be hosted by Dr Aparna Pal and the speaker is Professor Marta Korbonits of Barts and the University of London.



The title of her talk is "**Bedside to bench and back for pituitary adenomas**". The talk will begin promptly at 1pm in the Robert Turner Lecture Theatre, and sandwiches for those attending will be available from 12:45pm.

### Friday Seminar

This week's Friday seminar organised by the OCDEM Senior Academic Faculty will be a talk on "**The role of the transcription factor RREB1 in islet cell development and function**" by Miss Katia Mattis.

### MEDICAL GRAND ROUNDS

No Medical Grand Rounds this week.

## TRAINING



### DOCUMENTS: MANAGING YOUR THESIS

This course covers those aspects of Word which will help you create and manage your thesis or similar large, formal documents. Particular attention is paid to those features which will save you time, and produce well-formatted and cross-referenced documents and papers.

#### Objectives

- Create heading numbering schemes
- Produce tables of contents (building and formatting)
- Index your documents (manually or using automarking)
- Create cross-references using headings or page numbers
- Update field codes and bookmarks
- Work with footnotes and endnotes (using the tools in Word)

#### Date

**19/02/2019 09:15 - 11:15** [Book and pay](#)

#### Cost

Staff £20/Students£10

#### [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 emphasized.

**Please note** that 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.

**Date: 30/01/2019 12:30 - 13:30**

**Cost:** Staff £10/Students £5 [Book and pay](#)

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### **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.

**Date: 30/01/2019 14:00 - 17:00**

**Cost:** Staff £30/Studens £15 [Book and pay](#)

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### **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.

**Note:** 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.

**Date: 06/02/2019 14:00 - 17:00**

**Cost:** Staff £30/Studens £15 [Book and pay](#)

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### **STATA: STATISTICAL ANALYSIS AND GRAPHS**

This module covers a number of key areas in Stata. You will learn about the analysis of 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.

**Note:** 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.

**Date: 12/02/2019 14:00 - 17:00**

**Cost:** Staff £30/Studens £15 [Book and pay](#)



**SAFETY TRAINING COURSES**  
**Hilary Term 2019**

<b>COURSE TITLE</b>	<b>WEEK</b>	<b>DATE</b>	<b>TIME</b>	<b>VENUE</b>
Introduction to Biological Safety & Genetic Modification	3	Tuesday 29 January	10.30-12.30	Centenary Seminar Room, Careers Service, 56 Banbury Road
Introduction to Biological Safety & Genetic Modification	4	Wednesday 6 February	14.00-16.00	Seminar Room, Nuffield Department of Medicine Research Building, Old Road Campus, Roosevelt Drive
Coping with Challenging Behaviour	4	Thursday 7 February	09.00-13.00	Careers Lounge, Careers Service, 56 Banbury Road
Risk Assessment	5	Wednesday 13 February	10.30-13.00	Wolfson Seminar Room, Chemistry Research Laboratory, Mansfield Road
Fieldwork Safety Overseas	6	Monday 18 February	09.30-15.00	Centenary Seminar Room, Careers Service, 56 Banbury Road
Introduction to Biological Safety & Genetic Modification	6	Wednesday 20 February	14.00-16.00	Seminar Room, Nuffield Department of Medicine Research Building, Old Road Campus, Roosevelt Drive
Chemical Safety & COSHH	6	Thursday 21 February	14.00-16.30	Wolfson Seminar Room, Chemistry Research Laboratory, Mansfield Road
Compressed Gas Safety	6	Thursday 21 February	09.30-13.00	Centenary Seminar Room, Careers Service, 56 Banbury Road
Safe Use of Cryogenic Liquids	6	Thursday 21 February	14.00-16.30	Centenary Seminar Room, Careers Service, 56 Banbury Road
Introduction to Manual Handling	6	Friday 22 February	09.00-12.00	Centenary Seminar Room, Careers Service, 56 Banbury Road

Introduction to Manual Handling	6	Friday 22 February	13.00-16:00	Centenary Seminar Room, Careers Service, 56 Banbury Road
Introduction to Biological Safety & Genetic Modification	7	Tuesday 26 February	10.30-12.30	Centenary Seminar Room, Careers Service, 56 Banbury Road
Supervisors' Responsibilities	7	Tuesday 26 February	14.30-16.30	Wolfson Seminar Room, Chemistry Research Laboratory, Mansfield Road
Radiation Safety for Laboratory Workers	7	Wednesday 27 February	14.00-16.00	Lecture Theatre, Medical Sciences Teaching Centre, South Parks Road
Fire Safety Lecture & Practical	7	Thursday 28 February	14.15-16:15	Wolfson Seminar Room, Chemistry Research Laboratory, Mansfield Road
Introduction to Biological Safety & Genetic Modification	8	Wednesday 6 March	10.30-12.30	Centenary Seminar Room, Careers Service, 56 Banbury Road
Introduction to Laser Safety	8	Wednesday 6 March	14.30-15.30	Wolfson Seminar Room, Chemistry Research Laboratory, Mansfield Road
Safe Use of X-ray Generators, Sealed Sources & Accelerators	8	Wednesday 6 March	14.00-16.00	Lecture Theatre, Medical Sciences Teaching Centre, South Parks Road
Emergency First Aid for Fieldworkers	8	Friday 8 March	09.00-17.00	Centenary Seminar Room, Careers Service, 56 Banbury Road
Portable Appliance Testing	9	Wednesday 13 March	09.00-16.00	Centenary Seminar Room, Careers Service, 56 Banbury Road
Departmental Safety Officers' 'Hilary Term' Meeting	-	Date to be confirmed	11.30-14.30	Venue to be confirmed
<b>Online travel safety for women business travellers **NEW**</b>		<b>** COMING SOON **</b>	<b>TBC</b>	<b>Please keep an eye on the Safety Training webpages for further information</b>



**OMH Researchers'  
Association launch event**

**Tuesday 12 February 2019  
4-6pm**

**Sherrington Room  
Sherrington Building  
DPAG**

**Calling all postdocs,  
RAs and students  
working in any area  
related to  
metabolism!**

Join us for an afternoon of lightning talks to get a flavour of who is doing what in Oxford and, most importantly, share a few drinks. If you would like to participate by giving a 2 minute introduction to your work, let us know by Friday 1<sup>st</sup> February (contact [fiona.bragg@ndph.ox.ac.uk](mailto:fiona.bragg@ndph.ox.ac.uk) )





## Safety of twenty-eight-day consumption of $\Delta G^{\circ}$ in adults with Type 2 Diabetes

### What is the purpose of the study?

Ketogenic diets (low in carbohydrates and high in fats) have recently shown to improve weight loss, and glucose metabolism however, they are poorly tolerated. To circumvent this, TΔS<sup>®</sup> Ltd, in conjunction with the University of Oxford, has developed a ketone compound called  $\Delta G^{\circ}$  that can be given in a drink.

Consuming  $\Delta G^{\circ}$  three times daily has proven to safely elevate blood ketone concentrations in healthy adults. This study aims to investigate the safety of drinking  $\Delta G^{\circ}$  three times daily for 28-days in adults living with Type 2 Diabetes.

### What will the experiment involve?

- Seven weekly visits either to the Department of Physiology, Anatomy and Genetics (DPAG) or to the Warwickshire Institute for the Study of Diabetes, Endocrinology and Metabolism (WISDEM) over approximately six weeks.
- Drinking three times daily for 28 days a 65-ml drink containing 25 mg of  $\Delta G^{\circ}$  and 120 calories. It has a bitter taste and you would get to taste it before enrolling.
- Wear a continuous glucose monitor for 6 weeks).
- The weekly collection of blood samples and a urine dipstick test.

### Who are we recruiting:

- Type 2 diabetes patients who don't use or need insulin and who have had the same treatment for the last 6 months. Confirmation of eligibility from your GP will be requested.
- Fluent in English
- Males, or females using hormonal birth control if sexually active;
- Aged 18-70.

You will be reimbursed for participation and we will refund reasonable travel expenses.

If you are interested, please contact the study team for full information:

Dr Adrian Soto: [adrian.soto@dpag.ox.ac.uk](mailto:adrian.soto@dpag.ox.ac.uk)  
Department of Physiology, Anatomy and Genetics

Safety of twenty-eight-day consumption of  $\Delta G^{\circ}$  in adults with Type 2 Diabetes  
Email: [adrian.soto@dpag.ox.ac.uk](mailto:adrian.soto@dpag.ox.ac.uk)  
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