



National
Research
Foundation

INVITATION

UCT / University of Manchester DEGEMBE Partnership

(Developing *GE*nomic *ME*dicine *BE*tween Africa and the UK)

Educational Event

8-10 December 2016

The DEGEMBE Partnership between the University of Cape Town & the University of Manchester, UK was established to foster the development of an international cohort of researchers with the skills, links and contacts to operate in the global research environment while offering the opportunity to learn from different approaches in partner countries. In addition, it encourages the development of intellectual and joint training networks to cultivate long-term sustainable research collaboration addressing issues of global concern and with a strong potential for international impact.

The Mayosi Research Group / Department of Medicine cordially invites you to attend the first UCT-hosted Educational Event of the DEGEMBE Partnership. See attached programme.

Kindly indicate your interest in attending (and whether all or part of the days' events) to Ms Hlengiwe Moloji (MLXANN003@myuct.ac.za) to assist with catering arrangements.

For further information, please contact [Dr Mark Engel](#) (UCT ext 7676)

**UCT / University of Manchester
DEGEMBE Partnership**

(*D*eveloping *GE*nomic *M*edicine *BE*tween Africa and the UK)

Educational Event

Bill Hoffenberg Conference Room
Department of Medicine, J-Floor, Old Main Building, GSH

Thursday 08 December 2016

Research Programme Overview

2:00 PM	Welcome and Introduction to Programme	Bongani Mayosi
2:10 PM	Overview of the IDM and areas of expertise	Jonathan Blackburn
2:40 PM	Manchester Centre for Genomic Medicine	Graeme Black
3:10 PM	Bioinformatics at UCT	Nicky Mulder
3:40 PM	The Newton/Oxford Exchange Programme at UCT	Ed Sturrock
4:10 PM	Pharmacogenomics at UCT	Collet Dandara
4:40 PM	Cardiovascular Imaging at UCT	Ntobeko Ntusi
5:00 PM	Cardiovascular MR Research at UoM	Chris Miller

Friday 09 December 2016

Cardiology

9:00 AM	Exome sequencing for gene discovery in Cardiomyopathy in Cape Town	Gasnat Shaboodien
9:20 AM	Hypertension and the kidney transcriptome - insights from the TRANSLATE study	Maciej Tomaszewski

Modelling & Discovery

9:40 AM	Congenital heart disease	Bernard Keavney
10:00 AM	Lipidomic studies in the HTO cohort	Kathryn McGurk
10:20 AM	Predictors of diffuse myocardial fibrosis by CMR	Hadil Saad
10:40 AM	TEA	
11:00 AM	Sphingolipid signalling in vascular disease	Jacqui Ohanian
11:20 PM	Modelling degenerative or chronic conditions using induce pluripotent stem cells: problems and progress	Sue Kidson
11:40 PM	An inducible pluripotential stem cell model of <i>FAM111B</i> disease that is associated with multi-system fibrosis	Dimakatso Gumede
12:10 PM	Studies of the biochemistry and expression of fam111b DISCUSSION	Afolake Arowolo
12:50 PM	LUNCH	

Saturday 10 December 2016

Research Showcase and
Potential Students for Exchange

9:00 AM	Inherited Eye disease in Manchester – options for collaboration and student exchange	Graeme Black
9:30AM	Inherited Eye Disease in Cape Town – options for collaboration and student exchange	Raj Ramesar
10:00 AM	Inherited Ear disease in Cape Town – options for collaboration and student exchange	Ambroise Wonkam
10:30 AM	Skin and hair disease work in Cape Town – options for collaboration and student exchange	Nonhlanhla Khumalo

11:00 AM TEA

11:30 AM UCT student experience at UoM 1

Hlengiwe Moloi

11:45 AM UCT student experience at UoM 2

Sylvia Kamanzi

12:00 PM Programme for 2017

12:30 PM LUNCH & Meeting Close