

INSTITUTE OF MOLECULAR MEDICINE

DRAFT Programme



16TH IMM ANNUAL MEETING

TRANSLATIONAL MEDICINE

FRIDAY NOVEMBER 8TH 2013
THE DURKAN LECTURE THEATRE
TRINITY CENTRE ST JAMES'S HOSPITAL

INSTITUTE OF MOLECULAR MEDICINE

DRAFT Programme

8.15 am

REGISTRATION

SESSION 01

Translational Medicine

Chairs: Professor Paul Browne, Professor of Haematology, Trinity College Dublin, St. James's Hospital Dublin, Interim Head, School of Medicine, Trinity College Dublin; Professor Tom Rogers, Chair of Clinical Microbiology, Trinity College Dublin, St. James's Hospital Dublin

9.00 am

OPENING of MEETING

Professor Padraic Fallon

Stokes Professor of Translational Immunology,
Interim Director, Institute of Molecular Medicine

9.05 am

Professor Ross McManus

10th Institute of Molecular Medicine Lecture

Professor in Molecular Medicine, Institute of Molecular Medicine

“The genetics of coeliac disease”

9.50 am

Dr Sean Saunders

Translational Immunology Research Group

Tmem79/Matt is the matted gene and is a predisposing gene atopic for dermatitis in humans

10.00 am

Dr Frederick Sheedy

TB Immunology Research Group

Inhibition of microRNA-21 promotes anti-TB immune responses

10.10 am

COFFEE (Poster Viewing)

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SESSION 02

Translational Immunology

Chairs: Professor Joe Keane, Professor of Respiratory Medicine, Trinity College Dublin, St. James's Hospital, Principal Investigator, Institute of Molecular Medicine; Dr Patrick Walsh, Ussher/PIYRA Lecturer, Trinity College Dublin, National Children's Research Centre, Our Lady's Children's Hospital, Crumlin

10.45 am

Professor James O'Donnell

Institute of Molecular Medicine, Trinity College Dublin
Nation Centre for Hereditary and Coagulation disorders, St James Hospital

“Novel biological roles for coagulation proteins in infection and inflammation – insights and opportunities”

11.25 am

Ms Andrea Petrasca

Immunology Research Group

Human V γ 9V δ 2 T cells can selectively promote TH1 or TH2 responses via interactions with dendritic cells or B cells *in vitro*

11.35 am

Ms Maria Kavanagh

Surgery Research Group

The infiltration and activation of T cells decreases during the progression of Barrett's oesophagus to oesophageal adenocarcinoma

11.45 am

Dr Aideen Long

Associate Professor, Institute of Molecular Medicine,
Dean of Graduate Studies, Trinity College Dublin

“T cell activation and mobility: insights for targeting T cell-mediated diseases”

12.30 pm

**LUNCH (Stone Building)
Poster Session**

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SESSION 03

Translational Genomics

Chairs: *Professor Ross McManus, Professor of Molecular Medicine, Trinity College Dublin, Principal Investigator, Institute of Molecular Medicine; Dr Stephen Smith, Associated Professor, Clinical Microbiology, Trinity College Dublin*

13.45 pm

Professor Orla Sheils

Professor of Molecular Pathology, Director of Medical Ethics, Trinity College Dublin,
Principal Investigator, Institute of Molecular Medicine

“Space, circulating tumour cells and the final frontier”

14.25 pm

Ms Niamh O’Regan

Haemostasis Research Group

Von Willebrand Factor plays a role in mediating malaria pathogenesis in the murine cerebral malaria model

14.35 pm

Mr Omar Mahfoud

Nanomedicine and Molecular Imaging

Enhancing the sensitivity of cancer biomarker detection using nanomaterial-based approaches NAMDIATREAM project: Nanotoolkits for Multimodal Cancer Detection and Monitoring

14.45 pm

Dr Derek Morris

Associate Professor,

Institute of Molecular Medicine, Trinity College Dublin

“Next generation sequencing and the future genomics of human disease”

SESSION 04

Translational Cancer

Chairs

Professor John Reynolds, Professor of Surgery, Trinity College Dublin, St James’s Hospital, Principal Investigator, Institute of Molecular Medicine; Professor John O’Leary, Dept Histopathology, Trinity College Dublin

15.25 pm

Dr Jacintha O’Sullivan

Associate Professor, Dept Surgery,

Institute of Molecular Medicine, Trinity College Dublin

“Targeting cancer metabolism-aiming at a tumours sweet spot”

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16.10 pm

Dr. Darragh O'Donovan

Prostate Molecular Oncology Group

Evaluation of SFRP2 dysregulation in prostate cancer

16.20pm

Dr. Niamh Lynam-Lennon

Surgery Research Group

Dysfunctional mitochondria and altered energy metabolism is associated with radioresistant phenotype in oesophageal adenocarcinoma

16.30 pm

COFFEE and Poster viewing

17.00pm

the Donal Hollywood Memorial Lecture in Cancer

Introduction

*Professor John Kennedy, Clinical Professor of Medicine, Trinity College Dublin,
Consultant Oncologist, St. James's Hospital Dublin*

Professor Norman Coleman

Associate Director, Radiation Research Program
Division of Cancer Treatment and Diagnosis
National Cancer Institute, National Institute of Health (NCI/NIH), USA

“Translational radiation oncology from novel molecular mechanisms to service to society – the ongoing Donal Hollywood legacy”

SESSION 05

State-of-the-art Lecture

Chairs

Professor Yuri Volkov, Professor of Molecular and Translational Medicine, Director of Research, School of Medicine, Principal Investigator, Institute of Molecular Medicine; Professor Mathias Senge, Professor of Organic Chemistry, Trinity College Dublin, Principal Investigator, Institute of Molecular Medicine

17.45 pm

Professor John Boland

Director of CRANN (Centre for Research on Adaptive Nanostructures and Nanodevices), Trinity College Dublin

“CRANN: building a centre of excellence”

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18.25 pm

POSTER COMPETITION Prizes and Photographs

19.00 pm

RECEPTION (Stone Building)