

DIVISION OF INFECTION AND IMMUNITY



# UCL

# DIVISIONAL RESEARCH AND POSTGRADUATE COLLOQUIUM

PROGRAMME

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**4 July 2013**

UCL Wilkins Building  
Gower Street  
WC1E 6BT

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In collaboration with:

**MRC**

Centre for Medical  
Molecular Virology

**Register at:**

[www.2013-colloquium.eventbrite.co.uk](http://www.2013-colloquium.eventbrite.co.uk)

## PROGRAMME OUTLINE & VENUES

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**10.30 Refreshments**  
*- Wilkins Building Haldane Room -*

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**10.50 Welcome:**  
*- Wilkins Building Gustav Tuck Lecture Theatre -*

*Hosts:*

**Prof Benny Chain**  
*Graduate Tutor, UCL Division of Infection & Immunity*

**Prof Mary Collins**  
*Director, MRC/UCL Centre for Medical Molecular Virology*

**11.00 Research Student Presentations**  
*Chair: Prof Benny Chain*

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**13.00 Lunch & Research Student Posters**  
*- Wilkins Building Haldane Room -*

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**14.00 Career Development**  
*- Wilkins Building Gustav Tuck Lecture Theatre –*  
*Chair: Prof Mary Collins*

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**15.30 Refreshments**  
*- Wilkins Building Haldane Room -*

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**16.00 Grant Funding, Commercialisation and Translation of Research**  
*- Wilkins Building Gustav Tuck Lecture Theatre –*  
*Chair: Prof Mary Collins*

**17.30 Closing Remarks**

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**17.35 Prize giving, drinks reception and quiz**  
*- Wilkins Building Portico and Old Refectory –*

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## TALKS

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All contributing students are registered with UCL Division of Infection & Immunity. External sites are indicated where the student is based outside the UCL Bloomsbury and Royal Free Hampstead campuses.

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### RESEARCH STUDENT PRESENTATIONS

- 11.00 Investigating host factors in early HIV-1 infection that affect uncoating  
**Ms Nelly Chen**  
*Supervisor: Dr Ari Fassati*
- 11.20 Anti-mesothelin specific T cell response and novel CD4 T cell peptides in patients with pancreatic cancer  
**Miss Yuan Chen**  
*Supervisor: Dr Emma Morris*
- 11.40 HSV-1 and HIV-1 co-infection of human macrophages  
**Ms Rose Hughes**  
*Supervisor: Dr Mahdad Noursadeghi*
- 12.00 Arginase-1 expressing myeloid-derived suppressor cells expand in viral hepatitis  
**Miss Laura Pallett**  
*Supervisor: Prof Mala Maini*
- 12.20 Retroviral transfer for a single chain antibody construct to generate regulatory T cells for the treatment of autoimmunity and graft versus host disease (GvHD)  
**Ms Maria Stavrou**  
*Supervisor: Prof Hans Stauss*
- 12.40 Protease Inhibitors are Effective at inhibiting Cell-to-Cell HIV-1 Transfer  
**Dr Boghuma Titanji**  
*Supervisor: Prof Deenan Pillay*
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13.00 Lunch

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### CAREER DEVELOPMENT

- 14.00 Life as a Post-Doc  
**Dr Pedro Velica, Research Associate**  
*Research Department of Haematology, Cancer Institute*
- 14.15 Starting your own lab: What to do and what not to do  
**Dr Richard Jenner, Senior Research Fellow**  
*Division of Infection and Immunity / UCL Cancer Institute*

14.30 Career development for Clinical Scientists  
**Dr Emma Morris, Reader in Immunology and Immunotherapy**  
*Division of Infection and Immunity*

14.45 Life as a Patent Attorney  
**Dr Louise Holliday**  
*Partner, D Young & Co LLP*

15.00 Open discussion / Q & A with panel

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15.30 Refreshments

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## **GRANT FUNDING, COMMERCIALISATION AND TRANSLATION OF RESEARCH**

16.00 Funding routes and the role of Research Co-Ordinators  
**Dr Matt Wakelin**  
*Research Coordinator, SLMS Research Support Centre*

16.15 Translational Research and Enterprise  
**Dr David Miller**  
*Director, Translational Research and Industrial Partnerships*

16.30 EU funding opportunities under Horizon 2020 and ERDO services  
**Ms Gosia Kielbasa, European Contracts Executive**  
*UCL European Research and Development Office*

16.45 Intellectual Property Exploitation and its Relevance to UCL's Research  
Community  
**Dr Barny Cox, Senior Business Manager**  
*UCL Business PLC*

17.00 Open discussion / Q & A with panel

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17.35 Prize giving, drinks reception and quiz

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## POSTERS

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IR laser induced heating can reduce sample size and time of measurement in economically relevant biological systems

**Mr Samir Aoudjane**

Differential NF- $\kappa$ B activation mechanisms by KSHV vFLIP and cellular FLIPs

**Mr Mehdi Baratchian**

HIV-1 modulates the innate immune response by attenuation of interleukin-10 transcription in macrophages

**Ms Lucy Bell**

Investigating the role of Langerhans cells in a model of graft-versus-host-disease

**Mr Tom Conlan (Institute of Child Health)**

Neisseria Meningitidis effects on E-selectin and neutrophil recruitment to endothelial cells

**Mr Phil Dusart (Institute of Child Health)**

Identification of long non-coding RNA in Treg

**Ms Catherine Evans**

DC are polarised to inactivate Vitamin D, but remain susceptible to paracrine modulation by Macrophages

**Ms Rhia Evans**

Accumulation of varicella zoster specific CD4+Foxp3+Tregs after cutaneous antigen challenge in humans

**Dr Daisy Sandhu**

T cell differentiation in melanoma patients

**Ms Judith Seidel**

Stratifying T Cell Receptor Repertoires Using High-Throughput Sequencing & Support Vector Machines

**Mr Niclas Thomas (UCL CoMPLEX)**

Comparative analysis of cellular proteins in stably and transiently produced lentiviral vectors

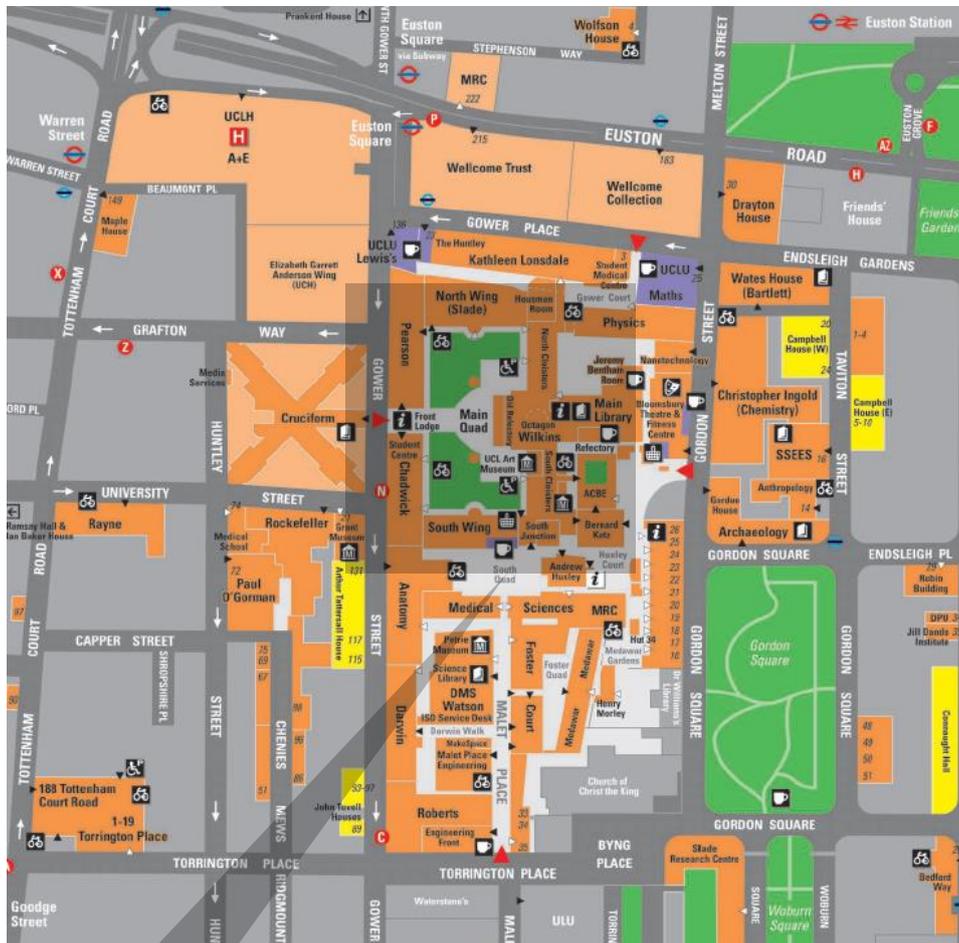
**Ms Sabine Winkler**

Fuel for T cells: A strategy to improve cancer immunotherapy

**Mr Mathias Zech**

## DIRECTIONS TO VENUE

The Wilkins Building is accessed through the UCL Front Lodge at 90 Gower Street, WC1E 6BT. The nearest tube stations are Warren Street, Euston Square, and Goodge Street.



Haldane Room (Ground Floor)

Old Refectory (Ground Floor) and Portico (Front steps of building)

Gustav Tuck LT (2<sup>nd</sup> Floor, South Wing)