

## SCIENTIFIC SESSIONS

Four sessions will be held on the topics of inflammation involved in the (1) Lung, (2) CNS, (3) in Nutrition and (4) Phagocytes. In the lung inflammation session the audience will be presented with recent research advances in the areas of Cystic Fibrosis, Viral Infection and immune responses to infection. The CNS session will focus on inflammation and related demyelination due to viral infection and 'autoimmune' disease, particularly multiple sclerosis. The use of experimental systems in drug discovery and validation will also be covered. Nutritional immunologists will present topics including vitamin D and the immune system; fatty acids and their impact on inflammation including autoimmune disease; and iron and its relationship with the inflammatory response. The main goal of the phagocyte workshop will be to discuss the complex interactions between bacteria and the human innate immune system with particular emphasis on the role of autophagy and pathogen elimination and the role of molecular, cellular, and genetic factors in the immune response to *Streptococcus* and *Staphylococcus* infections.

## CALL FOR ABSTRACTS

Participants are encouraged to submit abstracts for presentation. Detailed information for submitting abstracts is available at [www.immunology.org](http://www.immunology.org). Closing date for abstract submission is the 30th April 2009. Prizes for best student/PDRA oral and poster presentations.

## LOCAL ORGANISING COMMITTEE

Dr. Ultan Power (President), Dr. Lisa Connolly (Secretary), Dr. Bettina Schock (Treasurer), Dr. Emeir Duffy (Website), Prof. Louise Cosby, Dr. Karim Dib, Prof Clifford Taggart, Dr. Helen Wheadon, Dr. Adrien Kissenpfennig.

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SARSTEDT



# INFLAMMATION FROM CELL TO CLINIC ULSTER IMMUNOLOGY GROUP

IN ASSOCIATION WITH:  
CENTRE FOR INFECTION & IMMUNITY, QUB  
UNIVERSITY OF ULSTER  
NORTHERN IRELAND R & D OFFICE.  
8TH - 9TH JUNE 2009,  
QUEEN'S UNIVERSITY  
BELFAST, NORTHERN IRELAND.



## SYMPOSIUM OBJECTIVES

The Objectives Of This Symposium Are To:

1. Discuss the past, present and future advances in inflammation.
2. Advance the results of recent scientific research in inflammation.
3. Provide a forum for exchanging ideas and formulating new research directions.
4. To describe the development of new therapies for the treatment of inflammation.

## MEETING SYNOPSIS

A fine balance exists between pro-inflammatory and anti-inflammatory immune responses to allow clearance of foreign antigens, allergens or rogue cells from the body with eventual return to baseline immune levels. However, under certain circumstances these mechanisms become imbalanced and inappropriate inflammatory responses occur, resulting in diseases of many different body systems. These include 'autoimmune' conditions such as rheumatoid arthritis, multiple sclerosis and inflammatory bowel disease. Many infectious agents can also either exasperate or suppress inflammatory processes. It is therefore of major importance to understand the fundamental mechanisms underlying inflammation caused by, for example, self antigens, infections or cancer. Although these processes show commonality across a wide range of diseases, they are usually studied in the context of individual conditions. Therefore, sharing of data and discussion across diverse disease areas would be a major advantage. With this in mind the Ulster Immunology Group has organised a conference dedicated to the topic of 'Inflammation' where internationally renowned experts, including Nobel Laureate Professor Peter Doherty, will participate. This CPD-accredited meeting will also offer an opportunity for discussion and establishment of links with industrial partners, who will be encouraged to attend. Our aim is to create a setting where conventional boundaries can be broken down to allow new insights to our understanding of inflammatory processes. This unique conference will be of significant interest to clinicians, scientists, nutritionists, and pharmaceutical companies, among others.

## CONFERENCE PROGRAMME MONDAY 8TH JUNE

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### • PLENARY LECTURE

**Prof. Peter Doherty (Nobel Laureate)**  
Laureate Professor, Department of Microbiology and Immunology, University of Melbourne, Australia.

### • INFLAMMATION & PHAGOCYTES

**Prof. Vojo Deretic**  
Professor and Chair, Molecular Genetics & Microbiology, University of New Mexico Health Sciences Centre, USA.

### **Dr Eva Medina**

Head of the Infection Immunology Research Group (INI), Department of Microbial Pathogenesis, HZI- Helmholtz Center for Infection Research, Braunschweig, Germany.

### • INFLAMMATION IN THE CNS

**Prof. Hartmut Wekerle**  
Director and Head of the Basic Research Section, Max Planck Institute for Neurobiology, Germany.

### **Prof. Robert Fujinami**

Professor of Pathology and Adjunct Professor of Neurology, University of Utah School of Medicine, USA.

### • THE FRASER LECTURE

**Prof. Ernie Gould**  
Natural Environment Research Council, UK.

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## FURTHER INFORMATION AND REGISTRATION

[www.uig.org.uk](http://www.uig.org.uk)

Registration includes a conference pack, teas/coffees and lunches for both days.

Early Registration (22 May 2009)

Late Registration (after 22 May 2009)

	Early	Late
BSI/CII/ members	£50	£60
Non-BSI/CII members	£85	£95
PDRAs	£50	£50
Students	£25	£35
Conference banquet	£40	

## CONFERENCE PROGRAMME TUESDAY 9TH JUNE

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### • INFLAMMATION & NUTRITION

**Prof. David Thurnham**  
Emeritus Professor of Human Nutrition, School of Biomedical Sciences, University of Ulster, Northern Ireland.

### **Prof. Philip C. Calder**

Professor of Nutritional Immunology, Institute of Human Nutrition, University of Southampton, UK.

### **Prof. Margherita Cantorna**

Associate Professor Molecular Immunology, Penn State University, USA.

### • LUNG INFLAMMATION

#### **Prof. Scott Randell**

Associate Professor, Department of Cell and Molecular Physiology, University of North Carolina School of Medicine, USA.

#### **Dr. Jackie Katz**

Chief Immunology and Pathogenesis Branch, Centers for Disease Control and Prevention, USA.

#### **Prof. Bart Lambrecht**

Professor of Pulmonary Medicine at Ghent University, Belgium and professor of Immunopathology at Erasmus University Medical Center in the Netherlands.

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You can also send enquiries to:

### **Ulster Immunology Group**

Dr Lisa Connolly (Secretary)

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