



NUI Galway
OĒ Gaillimh



Irish Division meeting Galway, April 15th-16th 2010

“New insights in molecular microbiology through the manipulation of protein structure and function”

Welcome

Welcome to the SGM Irish Division meeting at NUI Galway in April 2010! The theme of the meeting is the use of recombinant protein expression to gain insights into molecular mechanisms in medical and environmental microbiology. We have an exciting and diverse programme and we're sure you will find something of special interest to attract you. We look forward to welcoming you to Galway!

Location

Galway is a bustling city in the West of Ireland with a well-deserved reputation for arts, culture and its vibrant social scene. NUI Galway was founded in 1845 and is situated on the banks of the Corrib river, in the heart of the city. It has particular research strengths in biomedical and engineering sciences, environmental change and energy research, functional biomaterials, and infectious disease.



Travel

There are regular rail connections from Dublin to Galway, and bus connections to Galway from all Irish cities and towns. Galway airport is 7 km from Galway city centre.

Important dates

Registration opens: Jan 4th 2010
Early registration deadline: Feb 19th 2010
Late registration deadline: Mar 19th 2010
Abstracts must be submitted by the early registration deadline to be considered for oral presentation.

Registration

SGM members/non-members: €30/€50
Late registration fee: €25

Social programme

The conference dinner will take place in Cloonacauneen Castle, a stunning 15th century Norman castle situated on the outskirts of Galway city. Cost: €45



Further information

For further programme information and details on registration, abstract submission and accommodation, see www.sgm.ac.uk/meetings/MTGPAGES/IrdSpring10.cfm. For all other queries, contact Gerard Wall (gerard.wall@nuigalway.ie) or Stefania Spada (stefania.spada@nuigalway.ie), *Recombinant Protein Group, Microbiology, School of Natural Sciences, NUI Galway, University Rd, Galway, Ireland*



Scientific programme

Session topics and confirmed speakers (provisional titles) include

Session 1: Insights into microbial pathogenesis

Anne Collignon, Université Paris-Sud, France

Molecular characterisation and regulation of *Clostridium difficile* surface proteins

Ed Lavelle, Trinity College Dublin, Ireland

High-throughput expression for the identification of novel immunomodulators

Session 2: Extending the frontiers of expression systems

Marcus Aebi, ETH Zürich, Switzerland

N-linked protein glycosylation: not only for eukaryotes

Reinhard Grieshammer, NIH, USA

Structure and function studies of a G-protein-coupled neurotensin receptor

Rob Woods, NUI Galway, Ireland

The role of computing in protein design: conversion of glycosidases into carbohydrate-affinity reagents

Session 3: Postgrad student presentations

Session 4: Environmental microbiology: monitoring and exploitation

Werner Müller, J.Gutenberg University, Mainz, Germany

Sponge spicules as blueprints for the biofabrication of inorganic-organic composites and biomaterials

Richard O’Kennedy, Dublin City University, Ireland

Application of novel antibody-based methods for the detection of microbes and environmental / food contaminants