



## Programme

- 9am  
Lecture theatre **Welcome & opening remarks**  
**Professor Walter Kolch**, Director, UCD Conway Institute
- 9.10am  
Lecture theatre **Keynote Lecture 1**  
**Professor Rosemary O'Connor**, University College Cork  
*Mediators and Regulators of the IGF Signalling System in Cancer*
- 10.10am  
Lecture theatre **Session 1**  
**Chair: Dr Oliver Blacque, Dr Margaret McGee**  
*The end of Multiple Sequence Alignment*  
**Professor Des Higgins**  
  
*NF- $\kappa$ B links CO<sub>2</sub> sensing to innate immunity and inflammation in mammalian cells*  
**Dr Eoin Cummins**
- 11.00am  
Ground floor **Moderated Poster Session 1** (refreshments served)  
Parallel sessions:  
Infection, immunity & repair | Chair: Dr Keith Murphy (café area)  
Diabetes & Vascular Biology | Chair: Dr Orina Belton (foyer)  
Cell & Molecular Biology | Chair: Dr Oliver Blacque (undergraduate corridor)
- 12.00pm  
Lecture theatre **Session 2**  
**Chair: Dr Stephen Gordon, Dr Orina Belton**  
*Host cell interactomes of injected and tyrosine-phosphorylated bacterial effector proteins*  
**Professor Steffen Baekart**  
  
*A $\beta$  Dimer Assemblies: A Potential Therapeutic Target for Alzheimer's Disease*  
**Dr Brian O'Nuallain**  
  
*Molecular mechanisms underlying the initiation, progression and potential regression of diabetic kidney disease*  
**Professor Catherine Godson**
- 1.15pm **Lunch**
- 2.00pm  
Lecture theatre **Keynote Lecture 2**  
**Professor Michael White**, University of Liverpool  
*Application of systems biology approaches to study cell signalling and transcription*



10<sup>th</sup> annual UCD Conway Festival of Research & Innovation  
September 16<sup>th</sup> 2010  
UCD Conway Institute

3.00pm

Lecture theatre

**Session 3**

**Chair: Dr Keith Murphy, Professor William Gallagher**

*Title TBC*

**Professor Gil Lee**

*Signalling ballet in four dimensions*

**Professor Boris Kholodenko**

3:50pm

Ground floor

**Moderated Poster Session 2** (refreshments served)

Parallel sessions:

Protein Science & Therapeutics | Chair: Dr Michael Sharkey (café area)

Neuroscience | Chair: Dr Margaret McGee (foyer)

Systems Biology & Informatics | Chair: Dr Stephen Gordon (undergraduate corridor)

5:30pm

Lecture theatre

**Keynote Lecture 3**

**Professor Ruedi Aebersold**, Institute of Molecular Systems Biology, ETH Zurich and faculty of Science, University of Zurich

*Mapping and Measuring Proteomes*

6.30pm

Institute foyer

**Reception & presentation of prizes**

**Professor Walter Kolch**, Director, UCD Conway Institute

Primary sponsors: Bio-Sciences, Roche