

## ASTBURY SEMINARS 2014

### 16<sup>th</sup> January

Prof Mark Bradley, University of Edinburgh

*"Two Adventures in Chemical Biology - Palladium Mediated Cellular Chemistry and in vivo Imaging"*

### 6<sup>th</sup> March

Prof Laura Machesky, Beatson Institute for Cancer Research, Glasgow

*"Signalling to the actin cytoskeleton in migration and invasion of cancer cells"*

### 20<sup>th</sup> March

Prof Peter Rich, Dept. Structural and Molecular Biology, University College London

*"Yeast cytochrome c oxidase: A link between the structures and mechanisms of bacterial and mammalian enzymes"*

### 30<sup>th</sup> May

Dr Esko Oksanen, European Spallation Source & Lund University

*"Neutron crystallography - insights to enzyme mechanisms and prospects at the European Spallation Source"*

### 5<sup>th</sup> June

Prof David Case, Rutgers University

*"Bridging the divide: all atom molecular dynamics simulations of biomolecular crystals"*

### 3<sup>rd</sup> July

#### Astbury Annual Lecture

Prof Andrew Hamilton, FRS, University of Oxford

*"Targeting Protein Surfaces using Designed Proteomimetics"*

### 4<sup>th</sup> September

Dr Ilme Schlichting, Max Plank Institute, Heidelberg

*"X-ray free-electron lasers, emerging opportunities for structural biology"*

### 24<sup>th</sup> September

Dr Shaun Lott, University of Auckland

*"The structure of ABC toxins"*

### 2<sup>nd</sup> October

Prof Joost Schymkowitz, VIB, Belgium

*"Rational engineering of protein aggregation in biotech applications"*

### 6<sup>th</sup> November

Dr James Baker, UCL

*"Homogeneous antibody conjugation by disulfide bridging"*

### 4<sup>th</sup> December

Dr Uli Schwarz-Linek, University of St Andrews

*"Covalent host binding by Gram-positive bacteria"*