

York Open Lecture Programme 2005-2010

2005/06

David Read	Fungal symbioses as drivers of forest ecosystems
Robin Weiss	Family heirlooms and new acquisitions: mankind's viral diseases
Kay Davies	Muscular Dystrophy: Past, Present and Future
Rod Smallwood	The engineer in the biology lab - can we put Humpty Dumpty together again?
Mark Pepys	From proteins to drugs
Jeff Williams	Developmental signalling in slime moulds
Jonathan Ashmore	Sounding off about the ear
Caroline Dean	Vernalization and the switch to flowering

2006/07

Jim Smith	Making a frog: signals and responses
Austin Smith	Stem Cells: Hype, Hope & Reality
Keith Gull	Sudden Impact? The effect of genome information, new biology and new strategies on neglected tropical diseases
Nancy Rothwell	Brown fat, brain damage and being a woman in science
Mark Walport	Genes, Identity and Health
Rick Battarbee	Acid rain and acid waters: is there still a problem?
Andrew Brown	J D Bernal and the invention of Molecular Biology

2008

Mike Lean	Beating Obesity - a translational approach
Marian Dawkins	The scientific basis for animal welfare
Ian Alexander	The distribution of ectomycorrhizal fungi in space and time
Douglas Young	Tuberculosis: A Grand Challenge in Global Health
Robert Brown	While-u-wait Customised Tissue Fabrication: Towards Wallace& Gromit Machines
David Fowler	The changing chemical composition of the atmosphere over the UK, 1970 - 2008, and implications for effects on terrestrial ecosystems: great improvements and even greater surprises

2009

Chris Higgins FRSA	Stem cells: promise or prejudice?
Judy Armitage	Changing gear: The structure and function of the bacterial rotary motor- a remarkable nanomachine
Dianna Bowles	Biology to Benefit Society

Angela Karp
Joanne Webster
Janis Antonovics
Hugh Pennington
Pter Cox

Bioenergy crops for the UK - challenges and impacts
Neglected Tropical Diseases: Kill or Cure?
Linnaeus and the development of the germ theory of disease
Learning lessons is hard; making predictions difficult
Climate Change and Biology: is the Land Biosphere About to
Turn Against Us?

David Baulcombe

Of Maize and Men or Peas and People: the Value of Plants as
Model Systems in Molecular Biology

2010

Ron Laskey
Hugh Whittall

HuntingThe Antisocial Cancer Cell
From Biomedicine to Biofuels to SynBio. Where next for
bioethics?

Marco Ferroni

An inquiry into global food security: The role of science,
the business sector, and public policy

Armand M. Leroi

Aristotle & the Worm

Alison Smith

How Plants Survive the Night

Alec J. Jeffreys

Genetic fingerprinting and beyond