



**MRC INTEGRATIVE EPIDEMIOLOGY UNIT (IEU)**

**at the UNIVERSITY OF BRISTOL**

**21st NOVEMBER, 2013 : BRISTOL ZOO**

**OFFICIAL OPENING**

**10.30am Chair – Professor Peter Mathieson**

Professor Sir John Savill, CEO Medical Research Council

Professor Sir Eric Thomas, Vice Chancellor, University of Bristol

Professor George Davey Smith, Director, MRC Integrative

Epidemiology Unit at the University of Bristol

Dr Andrew Plump, Chair Scientific Advisory Board

**12.00pm** Lunch

**SYMPOSIUM**

Welcome by Professor George Davey Smith, Director, IEU

**Session 1 – 1.00pm – 2.00pm – Chair – Dr Nicholas Timpson**

Nish Chaturvedi Professor of Clinical Epidemiology at the Cardiometabolic Phenotyping Unit, Institute for Cardiovascular Sciences, University College London

**Title: Clinical Outcomes – the forgotten player in the omic revolution**

Camilla Stoltenberg Deputy Director General at the Norwegian Institute of Public Health

**Title: When an entire country is a cohort**

Nicole Soranzo Wellcome Trust Sanger Institute

**Title:** **Genomic analyses of high-dimensional human phenotypes**

**Session 2 – 2.00pm – 3.30pm – Chair – Professor Marcus Munafò**

Presentations by IEU Junior Researchers

Rebecca Richmond **Title: Prenatal exposure to maternal cigarette smoking and offspring DNA**

**Methylation in the Avon Longitudinal Study of Parents and Children**

Evie Stergiakouli **Title: Investigating the role of polygenic risk scores in complex traits**

Hannah Elliott **Title:** **The role of DNA methylation in type 2 diabetes and insulin sensitivity**

Lavinia Paternoster **Title:** **Multiple approaches for identifying eczema genes**

Suzi Gage **Title: Associations of Cannabis and Cigarette use with Psychotic Experiences and**

**Depression – ALSPAC**

Andy Skinner **Title: Using Smartphones for Ambulatory Data Capture and Behaviour Change**

**Intervention**

Break : Tea/Coffee/Biscuits

**Session 3 – 4.00pm – 5.30pm – Chair – Professor Caroline Relton**

Anne Ferguson-Smith Professor of Genetics, Head of Department of Genetics, University of Cambridge

**Title: Paternal intergenerational epigenetic inheritance in a mouse model of Under**

**nutrition**

Bas Heijmans Leiden University Medical Centre

**Title: The prenatal epigenome and studies into long-term health**

Lon Cardon Head of Alternative Discovery and Development, GlaxoSmithKline

**Title: Pharma Industry Perspectives**

5.30pm Wine and Canapé Reception and Poster Presentations