THE GALTON INSTITUTE

a conference on

GENETICS IN MEDICINE

To be held in the Kohn Centre at

The Royal Society
6-9 Carlton House Terrace, London SW1Y 5AG
on
Tuesday, 4th November, 2014

Admission is free, but strictly by ticket, available from:
The General Secretary, The Galton Institute
19 Northfields Prospect, London SW18 1PE
betty.nixon@talk21.com
www.galtoninstitute.org.uk
Speakers and Chairmen

Professor Sir Walter Bodmer, FRS  
Department of Oncology, 
Weatherall Institute of Molecular, 
Medicine, University of Oxford 
and The Galton Institute

Professor Sir John Burn  
Newcastle University

Professor Dian Donnai, CBE  
Manchester University and 
The Galton Institute

Professor Sadaf Farooqi  
University of Cambridge

Professor Bobby Gaspar  
Institute of Child Health, 
University College London

Professor Andrew Hattersley, FRS  
University of Exeter Medical School

Professor Nazneen Rahman  
Institute of Cancer Research

Professor Philippa Talmud  
University College London and 
The Galton Institute

Professor Veronica van Heyningen, CBE, FRS  
President of The Galton Institute, 
Institute of Genetics and Molecular 
Medicine, Edinburgh; and Institute 
of Ophthalmology, University 
College London

Professor Sir David Weatherall, FRS  
Weatherall Institute of Molecular 
Medicine, University of Oxford

Professor Andrew Wilkie, FRS  
Weatherall Institute of Molecular 
Medicine, University of Oxford

Conference organisers:  
Professor Dian Donnai and Professor Philippa Talmud
Genetics in Medicine

09.55 am Welcome and Introduction

CHAIR - Professor Dian Donnai
10.00-10.40 am Professor Sir John Burn
Overview of Genetic Medicine

10.40-11.10 am Professor Andrew Hattersley, FRS
Using Genetics to improve care in Diabetes

11.15-11.40 am COFFEE

CHAIR - Professor Sir Walter Bodmer, FRS
11.40-12.10 pm Professor Nazneen Rahman
Genetics in cancer and treatment

12.15–12.45 pm Professor Sadaf Farooqi
Genetics and obesity

12.50-2.00 pm LUNCH

CHAIR – Professor Philippa Talmud
2.00-2.30 pm Professor Bobby Gaspar
Gene therapy

2.35–3.35 pm The Galton Lecture 2014
Professor Andrew Wilkie, FRS
Lionel Penrose and the paternal age effect for mutations –sixty years on
Presentation of the Galton Plate by Professor Veronica van Heyningen, FRS
President of The Galton Institute

3.40–4.10 pm TEA

4.10-4.40 pm Professor Sir David Weatherall, FRS
Summing up: what we have learned from genetics for medical care
THE GALTON INSTITUTE is a learned society founded in 1907 which aims to promote the public understanding of human genetics, particularly in relation to physical and mental wellbeing of all kinds. Its members are drawn from a wide range of disciplines including genetics, medicine, demography, the law, public administration and biological and social sciences. The Institute aims to facilitate informed debate about the ethical issues raised by advances in reproductive technology. As a registered charity the Institute does not seek to advocate particular applications of scientific understanding or reproductive technology, only to ensure that those taking decisions do so in the light of all relevant facts and after consideration of all relevant issues.

The Institute organises an annual conference around a topical theme within the biosocial or medical sciences and the Galton Lecture is given as part of the programme. The Institute also publishes a Newsletter and booklets on topical themes with the intention of bringing relevant frontline scientific and medical knowledge to the interested public.

The Galton Institute is named after Sir Francis Galton, a cousin of Charles Darwin and a brilliant polymath who made notable contributions to many fields of study including geography, psychology, statistics and several aspects of human biology. Galton coined the word ‘eugenics’ which he defined as “the scientific study of the biological and social factors which improve or impair the inborn qualities of human beings and of future generations”. The origins of the Institute date back to 1907 when under the influence of Galton and like-minded contemporaries the ‘Eugenics Education Society’ was founded, this metamorphosed into the ‘Eugenics Society’ in 1926 and this changed in turn to the current name in 1989.

Membership of the Institute is open to all who support its aims. Application forms may be obtained from the General Secretary, or found on our website.

www.galtoninstitute.org.uk