



# **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, 4<sup>th</sup> November, 2014**

Admission is free, but strictly by ticket, available from:

The General Secretary, The Galton Institute

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[www.galtoninstitute.org.uk](http://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
10.00-10.40 am	CHAIR - Professor Dian Donnai Professor Sir John Burn <i>Overview of Genetic Medicine</i>
10.40-11.10 am	Professor Andrew Hattersley, FRS <i>Using Genetics to improve care in Diabetes</i>
11.15-11.40 am	COFFEE
11.40-12.10 pm	CHAIR - Professor Sir Walter Bodmer, FRS Professor Nazneen Rahman <i>Genetics in cancer and treatment</i>
12.15–12.45 pm	Professor Sadaf Farooqi <i>Genetics and obesity</i>
12.50-2.00 pm	LUNCH
2.00-2.30 pm	CHAIR – Professor Philippa Talmud Professor Bobby Gaspar <i>Gene therapy</i>
2.35–3.35 pm	The Galton Lecture 2014 Professor Andrew Wilkie, FRS <i>Lionel Penrose and the paternal age effect for mutations –sixty years on</i>
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 <i>Summing up: what we have learned from genetics for medical care</i>

**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](http://www.galtoninstitute.org.uk)