



# The Richard Doll Seminars in Public Health and Epidemiology

## Professor Martin Landray

*Clinical Trial Service Unit and Epidemiological  
Studies Unit, University of Oxford*

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# “Big Data for Population Health: Opportunities and Challenges”

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**Tuesday 21<sup>th</sup> Oct 2014**  
**1-2 pm**

**Lecture Theatre, Richard Doll Bldg, Old Road Campus**

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All welcome



**Martin J Landray** *MBCbB PhD FRCP FBPharmacols*  
*Professor of Medicine and Epidemiology*  
*Nuffield Department of Population Health*  
*University of Oxford*



**Martin Landray** is Professor of Medicine and Epidemiology within the Nuffield Department of Population Health, *University of Oxford*, and Deputy Director of Oxford's **Big Data Institute** within the *Li Ka Shing Centre for Health Information and Discovery*.

His work seeks to further understanding of the determinants of common life-threatening and disabling diseases through the design, conduct and analysis of efficient, large-scale epidemiological studies (including clinical trials). His previous and on-going international trials have enrolled over *65,000 individuals* with cardiovascular or kidney disease from 18 countries across 4 continents. He also oversees the development of systems for recruitment, data collection (including integrated measurement devices and record linkage), analysis and data sharing for **UK Biobank**, a prospective cohort study of *500,000 middle-aged men and women*. In addition to leading his own research, he is heavily involved in efforts to streamline clinical trials, working with national and international organizations (including **FDA, EMA, MHRA, MRC**) to facilitate high quality research is efficient in providing robust information for healthcare decision-making.

Professor Landray completed medical training at *University of Birmingham* (UK) and specialist training in Clinical Pharmacology & Therapeutics, and General Internal Medicine at University of Birmingham. He continues to practise clinical medicine as an Honorary Consultant Physician in the Cardiology, Cardiac and Thoracic Surgery Directorate at *Oxford University Hospitals NHS Trust*.