Abstract:
Scientific misconduct and data fabrication is a serious threat to clinical research. Recent cases of fraud in clinical trials have attracted considerable media attention. Can statistical analysis reveal research misconduct? The answer to this question is yes. Several analytical methods have been developed to detect fraud and characteristics of altered or fabricated data in clinical trials.

Biography:
Prof Stephen Evans is a medical statistician, currently he is Professor of Pharmacoepidemiology at The London School of Hygiene and Tropical Medicine, with extensive expertise in the development, implementation and teaching of appropriate methods in pharmacoepidemiology and pharmacovigilance. He was President of the International Society of Pharmacoepidemiology in 2010/11.

After training in physics and chemistry he worked in statistics and computing at The London Hospital and Medical College for 25 years, then Head of Epidemiology at the UK Medicines Control Agency, where he dealt with several major drug safety issues, such as HRT and breast cancer; vitamin K and childhood cancer; MMR and autism. He also developed some statistically-based methods for examining regulatory databases of spontaneous reports.

He is currently a co-opted Expert member of the Pharmacovigilance Risk Assessment Committee at the European Medicines Agency and was a member of the WHO Global Advisory Committee on Vaccine Safety until June 2012. He was a statistical advisor to the British Medical Journal for 20 years. He has been on various editorial boards, including the British Journal of Clinical Pharmacology and is an Associate Editor of Pharmacoepidemiology and Drug Safety.

All are welcome to attend. No RSVP is required. Lunch will be served from 12.00pm onwards, outside the amphitheatre.