



The Richard Doll Seminars in Public Health & Epidemiology

Dr. Robin Walters

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

“Analysis of copy number
variation: perils, pitfalls and
prospects”

Tuesday 13th Nov 2012
1-2 pm

Lecture Theatre, Richard Doll Bldg, Old Road Campus

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All welcome



Dr Robin Walters

Senior Scientist

Genetic Epidemiology and Statistical Genetics,
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Dr Robin Walters completed degrees in Natural Sciences and in Genetics before working for 17 years on the biophysics, biochemistry and genetics of plant photosynthesis, first in *Sheffield* and then in *Oxford*. He then held a post as a Research Fellow at *Imperial College London*, before moving to *CTSU* in June 2012. His current role is to plan and lead the genetic analysis of stroke risk in the **China Kadoorie Biobank**.



Dr Walters's recent research has focussed on investigating the contribution of structural variation in the human genome to disease risk and phenotypic variation, with a particular focus on diabetes and obesity. He played a leading role in work identifying the highly penetrant obesity phenotype associated with a deletion on *chromosome 16p*, and the reciprocal effects of a duplication at the same locus. He continues to have an interest in the development of novel methodologies for the identification and analysis of genomic structural variants.