
ANTHONY BROOKES

CV

SPEAKER AT:

BEYOND OMICS REVOLUTIONS: INTEGRATIVE KNOWLEDGE MANAGEMENT FOR EMPOWERED HEALTHCARE AND RESEARCH



July, 3rd, 4th and 5th, 2012, Barcelona

Anthony Brookes, Ph.D., [University of Leicester](http://www.le.ac.uk/genetics), UK

Professor Anthony Brookes is an expert in genomics and bioinformatics, having contributed to disease and population genetics, DNA variation analysis, and data management/exploitation systems for biomedical information. He has published over 150 peer reviewed articles and reviews. He has served two 3-year terms on the HUGO Council, co-founded the Human Genome Variation Society, leads an international meeting series on genome variation, jointly designed the standard PaGE-OM and Observ-OM data models for gene-disease and phenotype data, and filed 6 patents on cloning, genotyping, and DNA analysis. In his current position as 'Professor of Bioinformatics and Genomics' at the world-renowned Genetics department (University of Leicester, UK) he continues this work, with a focus on DNA diagnostics methods and 'knowledge engineering' to bridge the divide between research and healthcare. This is reflected, not least, by running the world's largest 'GWAS Central' database (www.gwascentral.org), and leadership roles in the EC-FP7 projects GEN2PHEN (www.gen2phen.org), READNA (www.cng.fr/READNA), and BioSHaRE (www.p3g.org/bioshare).

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