

The Genomics Era: the Future of Genetics in Medicine - Who's who? Course Contributors

Professor Basky Thilaganathan is a consultant obstetrician with a specialist clinical interest in obstetric ultrasound, Doppler assessment, multiple pregnancy, fetal growth restriction, pre-eclampsia and chorionic villus sampling.

Dr Meriel McEntagart is a consultant in clinical genetics with a specialist interest in neurogenetics, particularly the genetics of neuromuscular disorders.

Dr Tessa Homfray is a consultant in medical genetics. Her specialist interest is primarily in prenatal diagnosis and inherited cardiac conditions.

Ms Karen Marks is a senior clinical scientist in cytogenetics.

Mr Tom Cullup is a clinical scientist, with experience in using NGS for clinical diagnostics.

Dr Helen Firth is a Consultant Clinical Geneticist at Cambridge University Hospitals Trust. Since 2004, Helen has collaborated with researchers at the Wellcome Trust Sanger Institute and elsewhere to investigate how the application of new genomic technologies can improve the diagnosis of severe developmental disorders. Helen has been central to the development of the DECIPHER database and Deciphering Developmental Disorders (DDD) project.

Dr Matt Hurles leads a major initiative to characterise structural variation in the human genome at the Wellcome Trust Sanger Institute. His group has also developed novel experimental methods to probe the mutational mechanisms underlying genetic variation, which, in 2008, allowed identification of clinical syndromes that are being under-diagnosed.

Dr Caroline Wright is the Programme Manager for the Deciphering Developmental Disorders project at the Wellcome Trust Sanger Institute.

Mr Glen Brice is a senior genetic counsellor, and lynchpin of the Southwest Thames regional Genetics Service.

Dr Angela George is a Consultant in Oncogenetics at the Royal Marsden Hospital, with a special interest in ovarian cancer.

Dr Imran Rafi is a GP in Surrey and a Senior Lecturer in Primary Care Education at St George's University of London and has a background in General Medicine and Oncology, Public Health Medicine and Genetics. Imran is currently acting as a clinical champion for Rare Diseases.

Michael Parker is Professor of Bioethics and Director of the Ethox Centre at the University of Oxford. His main research interest is the practical ethical issues arising in the day-to-day work of health professionals and medical researchers. He conducts research on practical ethics in the clinical and research uses of genetics and genomics in both high and low-income countries.

Miranda Shanks is a 6th form student interested in studying biological sciences.

Anneke Lucassen is a Professor of Clinical Genetics and Honorary Consultant in Clinical Genetics at Wessex Clinical Genetics Service. She is the co-ordinator for Ethics and Law teaching at Southampton Faculty of Medicine and sits on the ethics advisory group for Genomics England. She enjoys combining her laboratory and clinical experience in order to focus on the ethical and legal issues arising from developments in genetics and genomics, and developing considered practical solutions to these issues.

Dr Carwyn Hooper is a Senior Lecturer in Medical Ethics and Law at St George's, University of London. He has studied medicine, philosophy and medical education and has completed a PhD in Law. His current research interests span global health ethics and law, public health ethics and law, and the use of novel e-Learning materials in the teaching and assessment of healthcare ethics and law.

Dr Tom Cullup is a clinical scientist at the North East Thames regional Genetics Service.

Tom Prekopp is an animator extraordinaire, who doesn't balk when presented with unusual requests for walking turkeys.

Carl Prekopp is the voice of our resident scientist in our Did You Know animations. Carl can also be regularly heard playing a myriad of parts in BBC radio drama, amongst his other commitments to voice over and theatre. He is also lead singer of "The Fircones", a brilliant folk band starring Bridget Forsyth (of Likely Lads fame) on cello.

Jethro Skinner plays Mr Peterson. Jethro has been an actor for 15 years. He's been on Broadway with Twelfth Night, in 3 series of Wire in the Blood and has won a Russian Oscar for Plyus Odin. He supplements his income by having different cancers to assist the NHS with their advanced communication skills training.

Rosalind Smith plays Mrs Peterson. Ros trained in physical theatre and currently works using role play in communication skills courses for doctors, nurses and other healthcare professionals.