St George's University of London

Part of City St George's, University of London

PROFESSIONAL EDUCATION

PRACTICAL GENOMICS AND GENETIC TESTING FOR THE NON-GENETICIST

21ST MARCH 2025

H0.1/2

8.40 – Registration (Tea, coffee, registration packs)

9am The human genome and how genomic variation contributes to disease – **Dr Kate Everett**

9.40am The inheritance of genomic conditions and risk to family members - **Dr Frances Elmslie**

10.20 am BREAK

10.40am Genomic technologies and their clinical indications – **Dr Katie Snape**

11.20am The national test directory and how to request genomic tests (with practical demonstration of navigating forms and where to go for further help) – **Dr Nayana Lahiri and Mark Mencias**

12 noon LUNCH

1pm Interpretation of genomic variants and what results mean (with real life case examples including how MDTs using clinical, pathology, radiology data can help to inform results) – **Dr Emma Matthews**

1.40pm How genomics can inform disease susceptibility and pharmacogenomics (with case examples) – **Lucy Galloway and Dr Katie Snape**

2.20 pm BREAK

2.40 Communicating genomic information to patients – **Harriet McMillan**

3.20pm The legal and ethical implications associated with the use of genomic data (with case examples) – **Dr Meriel McEntagart**

4pm Useful resources (including practical run through of selected on-line tools) and closing Q and A