

Week Four

Pulling it all together



This week we have learnt.....

1.

How next generation sequencing technology can be used for healthcare benefit now and in the future:

- The diagnosis of rare genetic disease
- The diagnosis and tracking of infectious disease
- The prevention and diagnosis of common genetic disorders
- The treatment of disease and personalised medicine

2.

We've heard from many different specialists about how genomic technologies are impacting upon their clinical practice.

3.

About the 100,000 Genomes Project

Genomics

england



4. About the emerging field of Omics, which describes the collective technologies which evaluate large data sets for a particular organism, cell line, species or environment.

EXOM
EPIGEN
TRANSCRIPT OME
METABOL
PROTE

Key words

OmicS

Personalised medicine

Genomic technologies

Gene discovery

100,000 Genomes Project

Clinical applications

Come back for Week 5

"Ethical considerations and communication skills
in a Genomic era"

