

Course information

Biobanking as a resource for biomedical research

Purpose and goal

Biobanks constitute a powerful resource in medical research with access to millions of human samples and related data. Easier access to samples and new “omic-technologies” with high-throughput analytical platforms now permit cheaper large-scale analyses.

The European strategy for medical research is now taking big steps towards translational infrastructural networks based on open science and open access. The information derived from these large scale analyses in combination with powerful IT tools is now transforming medical research and we see more and more examples how applied “omics” is showing impact on health care.

However, successful research based on human biological samples and associated data requires applied knowledge on how different analytical methods can be applied to samples and tumour tissues, data processing, data sharing and the ethical and legal framework.

Target group

Researchers and professionals from health care, universities and industry with an interest in biobanking.

Set up

This one week course addresses fundamental concepts in biobank infrastructures and biobank research, ethical and legal frameworks, technologies and sample analysis.

Fee

Please contact us for more information

Contact

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