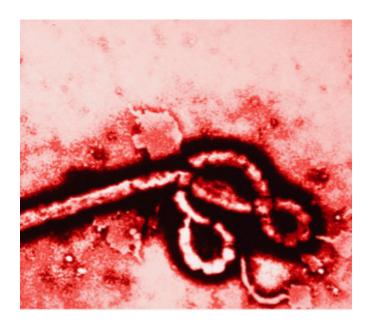


Bioforensics

Tracking down Ebola







DNA testing is a powerful measuring tool. It is often used to diagnose genetic diseases and infections. The same technique is used in court to compare biological samples of a crime scene to that of suspects.

During the workshop the participants will track down which of 5 patients is infected with Ebola using DNA fingerprinting technology. The participants will conduct the experiment on their own, using exclusively Open Source hardware. The workshop will include DNA isolation, digestion, electrophoresis, analysis and interpretation.

Duration:

3-4 hours

Number of participants:

Max 30

Subjects:

DNA isolation
DNA digestion
DNA electrophoresis
Data interpretation
Open Source Hardware

All Open Wetlab workshops consist of an introduction into the subject and it's making, a concise biosafety training, the making itself an optional artists presentation and a dialogue with the participants about the theme and background of the workshop.