



open wetlab  
waag society



# 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.

More information can be obtained by contacting [wetlab@waag.org](mailto:wetlab@waag.org) and at [waag.org/openwetlab](http://waag.org/openwetlab)

**Booking:** Open Wetlab Workshops can be booked by contacting [diensten@waag.org](mailto:diensten@waag.org)