

BioStrike

Open antibiotics discovery

open
wetlab
workshops



The European Centre for Disease Prevention and Control estimates that antimicrobial resistance (AMR) results each year in 25,000 deaths and related costs of over €1.5 billion expenses and losses. The pharma industry is not developing new antimicrobials.

This workshop is part of an ongoing open science initiative to develop antimicrobials in a collaborative and open way. The participants will isolate Actinomycetes from soil samples and screen them for potent antibiotic production. The methods and results will be shared with the global BioStrike community. This raises issues concerning intellectual property and material transfer, which will be discussed in the context of the BioCommons project.

The workshop can be completed in one week, or done over the course of a few weeks.

Duration:

Day 1: 3-4 hours

Day 3: 3 hours

Day 5: 2 hours

Number of participants:

Max 30

Subjects:

Microbiology

Sterile cultivation

Antimicrobials

Collaborative open science

BioCommons

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 and at waag.org/openwetlab

Booking: Open Wetlab Workshops can be booked by contacting diensten@waag.org

Pictures by Martin Malthe Borch