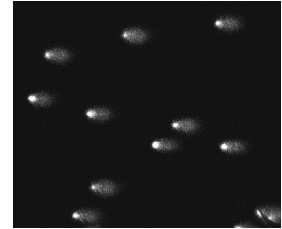


Comet Assay - Practical online course/video learning

Date: 15th March – 19th March 2021

Location: Teams

Organization contacts: NILU (Naouale El Yamani: ney@nilu.no; Alexandra Misci Hudecova: alh@nilu.no)



Program (All times in CET)

Day 1 (15th March 2021; 09:30-13:30)

09:30 – 09:45 Welcome and Introduction
09:45 – 11:00 Comet assay principles and applications
11:00 – 12:00 Comet assay “Step by step”
12:00 – 12:30 Lunch
12:30 – 13:30 Questions
13.30 - Preparation of solutions, slide pre-coating

Day 2 (16th March 2021; 10:00-16:00)

10.00 –12:00 Video learning

- End of exposure
- Preparation of slides
- Lysis, Fpg treatment, unwinding, electrophoresis
- Staining, scoring

12:00 – 12:30 Lunch
12:30 – 13:30 Questions and planning of hands on experiment

Day 3 (17th March 2021; 09:30-15:00)

10:00 – 10:30 Introduction to Hands on experiment (Part 1)

- End of exposure (10:30 – 11:00)
- Preparation of slides (11:00 – 12:00)
- Lysis (12:00 – 13:00)
- Fpg treatment (13:00 – 14:00)
- Unwinding + Electrophoresis + Neutralisation (14:00 – 15:00)

Day 4 (18th March 2021; 09:30-15:00)

09:30 – 09:45 Introduction to Hands on experiment (Part 2)

- Staining (09:45 – 10:30)
- Scoring (10:30 – 15:00)

Day 5 (19th March 2021; 09:30-12:00)

09:30 – 11:30 Summary and Quiz
11:30 – 12:00 Closure of the workshop

Naouale and Alexandra will be available for questions via Teams or email every day from 09:30 – 16:00.