



# Open seminar

## Fish-killing algae in Scandinavian waters – outcomes and future prospects

from the project

### **Toxic microalgae in Norwegian waters (ToxANoWa)**

– Uncovering fish-killing mechanisms of phytoplankton from  
Scandinavian waters

Norwegian Veterinary Institute, seminar room Adamstuen (ground floor)

16-December-2025

9:00 – 14:00

#### Scientific program (english)

9:00 – 9:30 Coffee & Tea

9:30 – 9:45 Welcome & introduction of the ToxANoWa-project

Ingunn Samdal, NVI, Norway

9:45 – 10:05 The biology, ecology and toxicity of *Chrysochromulina leadbeateri*

Bente Edvardsen, UiO, Norway

10:05 – 10:30 What do we know about the chemical nature of fish killing algal toxins in  
Scandinavian waters?

Thomas Ostenfeld Larsen, DTU, Denmark

10:30 – 10:45 Cell assays for studying the effects of marine toxins

Anita Solhaug, NVI, Norway

10:45 – 11:00 Coffee break

**11:00 – 11:20 Analysis of toxins from *Chrysochromulina leadbeateri***

Christopher O. Miles, NVI, Norway

**11:20 – 11:30 Health effects fish**

Geir Bornø, NVI, Norway

**11:30 – 11:45 Monitoring and preparedness for harmful algae in Nordland and Troms**

Helena Michelsen, Sea Eco, Norway

**11:45 – 12:00 Challenges and progress in the preparation of ichthyotoxin reference materials**

Elizabeth Mudge, NRCC, Canada

**12:00 – 13:15 Lunch**

**Popular scientific program (på norsk)**

**13:15 – 14:00 Fiskedepende algetoksiner – hva har vi lært i prosjektet?  
— Status & muligheter/utfordringer**

Ingunn Samdal