

NSFT

Norsk Selskap for Farmakologi og Toksikologi

Annual Report 2025 – Toxicology section NSFT

This is the Toxicology board's report for our activities during February 2025 through January 2025. This report is submitted for approval at the toxicology section's annual meeting held at the Radisson BLU Resort Beitostølen from 9.00-9:30 on 25 January 2025.

The composition of the board

The board members for the toxicology section in 2025 were as follows:

Chair – Marianne van der Hagen – Miljødirektoratet / Norwegian Environment Agency, Oslo (2025-2027)

Odd Andre Karlsen (2024-2026) – UiB, Bergen

Johanna Samulin Erdem (2024-2026) – STAMI/NIOH, Oslo

Ole Jakob Nøstbakken (2024-2026) – Havforskningsinstituttet/MI, Bergen

Eleonora Longhin, (2025-2027) – NILU Oslo

Mette Helen Bjørge Müller (2025-2027) – NMBU Ås

Vegard Sæter Grytting (2025-2027) – FHI/NIPH Oslo

Susann Wolf (2025-2027) – STAMI/NIOH Oslo, (vara)

Marianne van der Hagen has been the representative of the Toxicology section on NSFT's main board

Nomination Committee for 2025: Shan Narui, Hubert Dirven, and Jason Mathews.

The work of the board

The board had 11 digital meetings and e-mail communications during the year.

The winter meeting 2025 was arranged in Beitostølen, 23-25 January

Toxicology relevant sessions included:

Sea mammals

Air pollution

The Beito lecture – Smart Pharmacology: Machine Learning in Therapeutic Drug Monitoring

The Nordic symposium – Safe and Sustainable by Design

- Toxicology:

- 12 abstracts were presented as **oral presentations**:
- Winner of the **best oral presentation** was **Clare Andvik, University of Oslo**
Multiple stressors in Norwegian killer whales: The combined effects of pollutant load and whale watching on steroid hormone levels.
- 12 short **poster presentations**
Winner of the **best poster presentation** was **Elisa Puntervold Pereira, UiB**:
Modulation of peroxisome proliferator-activated receptor alpha (PPARA) activity in zebrafish (*Danio Rerio*) by legacy and emerging perfluoroalkyl substances (PFAS)

The summer meeting 2025 was arranged as a hybrid meeting on Wednesday 20 August 2025 at the Institute of Marine Research, in Bergen. The topic was "PFAS in food and environment – from detection to decision". There were speakers from The Institute of Marine Research, Wageningen University & Research, The Norwegian Institute of Public Health, and Norwegian Environment Agency. Number of participants was about 50 (50% online).

The autumn meeting 2025 was arranged as a hybrid meeting on 20 November 2025 in cooperation with The Plastics Network at the University of Bergen. The meeting was mainly organized by The Plastics Network at the University of Bergen. The topic was Microplastic contamination seen through different lenses. Speakers came from the Norwegian Institute of Water Research, the Norwegian University of Life Sciences, the Norwegian Institute of Public Health (FHI), University of Bergen, National Institute of Oceanography and Marine Sciences (Sri Lanka), Josef Stefan Institute (Slovenia) and Institute of Oceanology (Bulgaria). Number of registered participants was 206, 35 were present in Bergen.

Best article 2025: Nominasjon av NSFT's publikasjonspris innen toksikologi for 2025 - beste artikkel fra norske fagmiljøer

Since 2014, NSFT has awarded a prize for the year's best publication from Norway based Researchers within pharmacology and toxicology (accepted for publication in the period 1 November the year before to 31 October this year).

The deadline for submission/nomination of an article was 24 November 2025.

We received 3 excellent submissions for the best article in toxicology for 2025. The committee included Ole Jakob Nøstbakken (HI), Vegard Sæter Grytting (FHI), Susann Wolf and Johanna Samulin Erdem (both STAMI), and Marianne van der Hagen (Norwegian Environment Agency).

The winner was:

Mapping the chemical complexity of plastics (Laura Monclus et al.) <https://doi.org/10.1038/s41586-025-09184-8>

The article originates from a Norwegian research environment (NTNU, NGI). It has a large scope (this is much more than a review) and an impressive impact (published in Nature! Impact factor >50).

It addresses a highly relevant topic concerning the chemicals in plastics. The article is of high quality and provides significant value to both society and academia.

Membership

- Antall NSFT-medlemmer: 214
- Medlem av toksikologiseksjonen (eller begge seksj): 101
- Medlem av farmakologiseksjonen (eller begge seksj): 43
- Medlem av begge seksj: 23
- Seksjonstilhørighet ikke angitt: 47

Årsberetning fra ERT-komiteen 2025

Den norske komiteen for godkjenning av Europeiskregistrerte toksikologer (ERT) har etter Årsmøtet 2025 bestått av: Åse Krøkje(leder), Norges teknisk-naturvitenskapelige universitet; Christine Bjørge, Miljødirektoratet; Espen Mariussen, Folkehelseinstituttet; Hege Stubberud, GE Healthcare AS; Ketil Hylland, Universitetet i Oslo; Marie Bjørgan, Yara International ASA; Elise Rundén-Pran, Norsk institutt for luftforskning, Shan Narui, Statens arbeidsmiljøinstitutt og Oddvar Myhre, Folkehelseinstituttet.

Informasjon om ERT-ordningen finnes på NSFTs nettsider:

<https://www.nsft2.no/toksikologiseksj/ert/>

Oppsummering av ERT-komiteéns arbeid i 2025: Komiteén mottok høsten 2025, to søknader om førstegangs-registrering og sju søknader om re-registrering. Søknadene blir behandlet i ERT-komiteén i slutten av januar 2026. Vi ser behov for å informere om ERT-ordningen på Vinter-møter og på aktuelle arbeidsplasser. Det er per januar 2026 omtrent 62 registrerte toksikologer på den norske listen. Det er færre ny-registreringer enn antallet som faller fra.