

## Seminar on Current Regulatory Actions Addressing Pharmaceuticals in the Environment

**Hybrid event: Thursday 3 Nov 2022, 10:00 – 14:00 EET**

**Location:** University of Helsinki, Viikki campus, Viikinkaari 11, Helsinki, Hall 1054

**Online:** In Zoom (link will be sent to registered online participants)

*The seminar focuses on the current regulatory actions addressing pharmaceuticals in the environment and the topical development needs in the regulatory framework of pharmaceuticals from the viewpoint of environmental sustainability. The seminar is hosted by the Faculty of Pharmacy, University of Helsinki, and coorganized by Generation Green task force, SUDDEN consortium, and Nordic POP university hub.*

### Programme

**Chair:** *Eeva Teräsalmi, former vice president of The International Pharmaceutical Federation (FIP)*

#### 10:00 – 12:00 EET

- Opening remarks, *Sirpa Pietikäinen, Member of the European Parliament*
  - Current greetings from the Ministry of Social Affairs and Health, Finland  
*Hanna Sarkkinen, Minister of Social Affairs and Health*
  - Keynote speech: Role of law in the transformation towards sustainability  
*Dr. Tomi Tuominen, University of Lapland, Faculty of Law*
- Discussion
- Keynote speech: Current status and development of the regulatory framework governing environmental impacts and environmental sustainability of the pharmaceutical sector  
*Directorate-General Environment, European commission: Hans Stielstra, Deputy Head of Unit of Sustainable Freshwater Management Unit, C1*
- Q & A session and discussion
- Topical greetings from the Nordic pharmaceutical research communities  
*Generation Green initiative and SUDDEN project: Assoc. prof. Tiina Sikanen, University of Helsinki*  
*NordicPOP University hub: Prof. Jukka Rantanen, University of Copenhagen*

**Break (refreshments served for attendants in Viikki campus)**

#### 12:30 – 14:00 EET

- Expert commentaries from European sectoral pharmaceutical associations  
*GIRP: Martin FitzGerald, Deputy Director General*  
*PGEU: Ilaria Passarani, Secretary General*  
*EFPIA: Kirsty Reid, Director Science Policy*
  - Scientific commentary: Opportunities for national actors to influence green transformation(s) in the pharmaceutical sector,  
*Dr. Mirella Miettinen, University of Eastern Finland, Law School*
- Q & A session and discussion, incl. greetings from the Finnish Medicines Agency Fimea, the Ministry of Social Affairs and Health, and the Ministry of the Environment

**14:00 – 16:00 EET Sudden stakeholder club** (Snacks & drinks served, limited seats)

### More information about the organizers and the Nordic network in sustainable pharmacy:

Generation Green is a voluntary task force of the Faculty of Pharmacy, University of Helsinki, Finland, which has been coordinating the implementation of green practices and principles into higher education in pharmaceutical and medical sciences in Finland since 2015 ([doi.org/10.1016/j.scp.2020.100262](https://doi.org/10.1016/j.scp.2020.100262)). Currently, the Faculty of Pharmacy is raising funds for the establishment of the first-in-its-kind professorship in sustainable pharmacy at the University of Helsinki, to be able to better respond to the EU's strategic approach to Pharmaceuticals in the Environment and the associated global challenges in the scope of pharmacy education and research.



SUDDEN is a multidisciplinary research consortium funded by the Strategic Research Council affiliated with the Academy of Finland (<https://sudden.fi/en/>). SUDDEN consortium comprises of six research institutes that jointly address and seek solutions for the major sustainability gaps associated with the lifecycle of pharmaceuticals, from drug discovery to their packaging and use, including better strategies to the elimination and environmental risk assessment of pharmaceutical residues in the environment. Many of the SUDDEN researchers are also interlinked with the H2020/IMI2-PREMIER project (<https://imi-premier.eu/>). The SUDDEN stakeholder network covers 50+ key actors across the pharmaceutical sector in Finland and other Nordic countries.



Nordic POP is a unique collaboration hub between the Nordic pharmaceutical universities, involving hundreds of students and scientists from all fields of pharmaceutical expertise (<https://nordicpop.ku.dk/>). Through its mobility and knowledge sharing programs, NordicPOP aims to provide the scientific foundation for the next generation pharmaceutical products with green and sustainable pharmacy as one of its key focus areas. Through its advisory board, NordicPOP also engages several representatives from the pharmaceutical industry.



The seminar will be organized as a joint effort of all afore-mentioned networks, and we thus expect broad-based international participation, including representatives from academia, industry, and several local (Nordic) key players across the pharmaceutical sector. For in-person participation, the seats are limited to ca. 170, but through the online participation, we can welcome unlimited number of attendants free of charge.

#### Enquiries:

eeva.terasalmi@salnet.fi (scope)  
sanja.karlsson@helsinki.fi (technical)

<https://sudden.fi/en>  
<https://nordicpop.ku.dk/>  
Generation Green:  
[doi.org/10.1016/j.scp.2020.100262](https://doi.org/10.1016/j.scp.2020.100262)  
[https://twitter.com/UH\\_GenGre](https://twitter.com/UH_GenGre)