

Sustainability in Life Science

Programme

08.30 **Registration with coffee/tea and sandwich**

09.00 **Introduction**

Welcome and introduction to sustainability in life science

Nicolaas Schipper

09.15 **Tools & Frameworks for Sustainable Design**

Sustainability assessment and LCA in pharmaceutical manufacturing

Lieselot Boone, Ghent University

Safe and Sustainable by Design (SSbD) in practice: Incorporation of the
SELECT criteria

Nina Melander, RISE,

William Mackintosh, RISE.

Standardization of sustainability assessment in pharma: why
harmonized LCA matters

Hannah Welsh, TU Berlin

10.45 **Coffee break**

11.15 **Green & Sustainable Chemistry**

Green and sustainable chemistry: continuous flow approaches

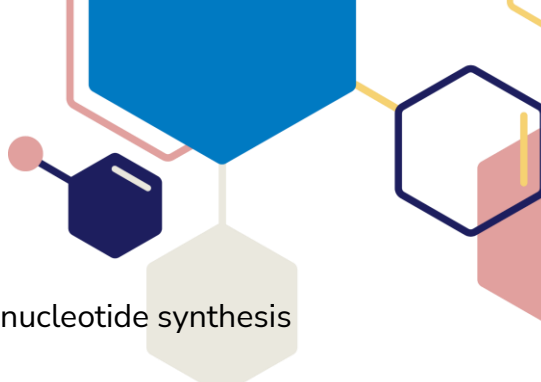
Oliver Kappe, University of Graz, RCPE

Green chemistry projects and examples from RISE

Pia Appelqvist, RISE

12.30 **Lunch**



- 
- 13.15 **Green and Sustainable Biologics**
Green and sustainable TIDES: peptide and oligonucleotide synthesis
Claire Macleod, CPI
- Green and sustainable biologics: continuous bioprocessing
Véronique Chotteau, KTH
- Biomanufacturing, current status and challenges
Simon Hawdon, CPI
- 15.00 **Coffee break**
- 15.30 **Sustainability in Life science – Industry and societal perspective**
PFAS in the environment: implications for healthcare and material choices
Anna Kärrman, Örebro Universitet
- Substitution Center
To be announced
- Bridgehouse and wastewater/environmental technology perspectives for pharma
Magnus Blomberg, AstraZenca,
- 17.00 **Wrap up and closing**

Organizers

This event is organized by The Section for Drug formulation at The Swedish Pharmaceutical Society together with RISE.

