

Chemical Exposure and Cardiovascular Disease

27th – 29th April 2021, online

Tuesday, 27.4.2021

9.30-9.45	NIVA welcome and general information	Cecilia Weckman, NIVA
9.45-10.30	Presentation round What do you want to learn from this course? Introduction to group work	Merete Drevvatne Bugge, NO
10.30-10.45	<i>Break</i>	
10.45-11.15	Introduction to the course Basics on exposure to particles	Merete Drevvatne Bugge, NO
11.15-11.30	<i>Break</i>	
11.30-12.00	Basic introduction to cardiovascular diseases (CVD)	Mark Miller, UK
12.00-13.00	<i>Lunch break</i>	
13.00-13.45	Epidemiological studies on occupational chemical exposures and CVD	Per Gustavsson, SE
13.45-14.00	Q&A / Discussion	

Wednesday, 28.4.2021

10.00-10.30	History of air pollution and CVD	Leo Stockfelt, SE
10.30-10.45	<i>Break</i>	
10.45-11.15	Mechanisms underlying the cardiovascular effects of "chemical exposure" - illustrated with examples from our own research on exposure to air pollution particles	Mark Miller, UK
11.15-12.15	Group work / Discussion: Several questions presented on day 1	
12.15-13.00	<i>Lunch break</i>	
13.00-13.30	Biomarkers for cardiovascular toxicity	Karin Broberg, SE
13.30-13.45	Endothelial function Heart rate variability	Leo Stockfelt, SE/ Merete Drevvatne Bugge, NO

13.45–14.00 Q&A / Discussion

18.00–19.00 Social event on "Wonder"

Thursday, 29.4.2021

9.00–10.00 Group discussion, going through presentation

Groups

10.00–12.00 Plenary presentation of group works, discussion on each topic
(20 minutes each)

12.00–13.00 *Lunch break*

13.00–13.45 Q&A / Discussion

All lecturers

13.45–14.00 Closing of the course

**Merete D Bugge, NO /
Cecilia Weckman,
NIVA**