

# 3<sup>rd</sup> Gabriele Possaner Lecture

at the Center for Public Health

December 7, 2022

Time: 12:00 - 13:00

HYBRID EVENT (WEBEX)

Location: ZPH, Hörsaal 2



## Johnni Hansen, PhD

Senior Researcher  
Danish Cancer Society Research Center  
Copenhagen, DK

### “Occupational Cancer Epidemiology in Denmark”

It is estimated that about 5% of all cancers are caused by certain occupational exposures. Further, almost half of the known carcinogens have been discovered based on epidemiological studies in the occupational setting. However, it is believed that an unknown number of yet unknown carcinogens in the occupational environment remains to be discovered.

Denmark has for decades capitalized from the existence of nationwide high quality health- and population registries, including the oldest Cancer registry in the world, founded in 1942. Further, it is possible on an individual level to link information from different registries based on a unique person identifier applied to all residents since 1968. Additionally, employment history is available backdating to 1964. Thus, occupational cancer epidemiology is more convenient in Denmark than in many other countries. Examples on exposures to e.g. welding fumes, night work, organic solvents, wood dust and risk of different cancer will be presented as well as parental occupational exposures and the risk of cancer in their children.

### Johnni Hansen, PhD

Dr. Johnni Hansen from the Danish Cancer Society Research Center, Copenhagen has a broad background in occupational epidemiology, including exposure assessment, interview based studies, construction and use of Job Exposure Matrices and linkage of big data. He has for decades intensively worked with register linkages based on unique nationwide information on individuals. His research focuses on selected occupational exposures and risk of chronic diseases, including in particular cancer. Interests in more recent topics are night shift work, and parental occupational exposures and risk of childhood cancer. He has over 200 scientific publications and has participated in six expert panels appointed by the International Agency for Research on Cancer, WHO.

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The Science Lunch will be HYBRID:

Location: ZPH, Hörsaal 2

Webex Meeting LINK:

<https://meduniwien.webex.com/meduniwien-de/j.php?MTID=m09228f84b464b55b43267216ef65a071>

Meeting number:

2731 545 4524

Password:

zpJc63mHd5g (97526364 from video systems)

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