

# Norsk Kjemisk Selskap Nord-Norge



## **Chemistry, the *Central Science*:**

Radiopharmaceutical chemistry as an example of the direct application of chemical sciences in medicine

***Angel Moldes-Anaya***

Radiokjemiker, PET-senteret ved UNN  
Førsteamanuensis II, Institutt for medisinsk biologi ved UiT

***Fredag 04. juni kl. 13.15-14.00***

*på Teknologibygget rom 1.023  
eller Zoom*

Link: [uit.zoom.us/j/63845201787](https://uit.zoom.us/j/63845201787)  
Passord: 315947

The use of Nuclear Medicine techniques and specially Positron Emission Tomography (PET) is increasing dramatically worldwide. Think about early detection of cancerous tissues or even measuring brain biochemical processes without the need to sample tissues! Imagine even the possibility of treating malignant tumors and metastases by using radionuclides without the need of invasive surgical procedures! There are thousands of molecular targets, mainly proteins, expressed or even overexpressed in healthy and malign tissues in the human body. To exploit the possibility of studying their interaction with selected ligands, synthesized as radiotracers or even as treating agents, opens a world of possibilities in the field of medicine, but also in new developments in chemical sciences.

In this presentation, we will be able to witness how the multidisciplinary nature of Nuclear Medicine and Radiopharmaceutical Chemistry as an emerging field helps in solving urgent medical needs.

**Norsk kjemisk selskap avd. Nord-Norge ønsker alle interesserte velkommen til en spennende presentasjon!**

