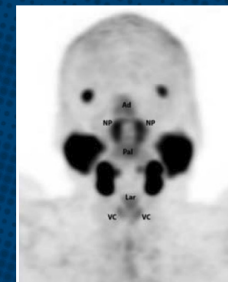
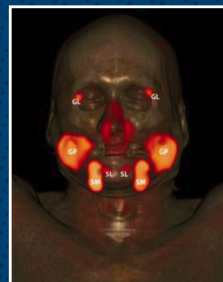
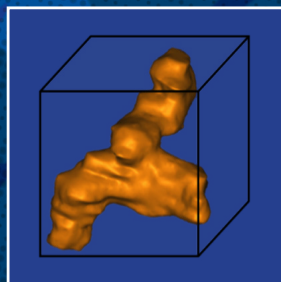
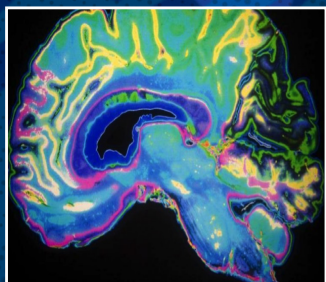


Tuesday October 9<sup>th</sup> 2018

# Advanced imaging for radiotherapy

Noordelijke Refereeravond Radiotherapie



University Medical Center Groningen

# Noordelijke Refereeravond Radiotherapie

The department of radiation oncology is very pleased to invite you to the upcoming research meeting 'Noordelijke Refereeravond Radiotherapie':

## Advanced imaging for radiotherapy

### Summary

Imaging is the corner stone of adequate and precise radiotherapy. In the last decade, an increasing amount of new imaging techniques has been developed. The implementation of these imaging techniques is also gradually emerging into the radiotherapy field.

We asked experts in the field to demonstrate during this meeting new developments in CT-, PET- and MR-imaging that can be used to optimize radiotherapy treatment now and in the future.

### Target group

This meeting is aimed at radiation oncologists, residents, medical physicists, RTT's and all physicians from other disciplines involved in oncologic imaging.

# Program

Chair: Roel Steenbakkers

17.30 - 17.55 *Welcome and registration (sandwiches will be served at 17.30)*

17.55 - 18.00 **Introduction** by Roel Steenbakkers, MD, PhD, Radiation Oncologist department of Radiation Oncology, UMCG.

18.00 - 18.20 **Image biomarkers to improve prediction of treatment outcome in radiotherapy**, Marianna Sijtsema, PhD, Medical Physicist department of Radiation Oncology, UMCG.

18.20 - 18.25 *Q&A*

18.25 - 18.45 **Advanced MRI techniques in radiotherapy**, Marielle Philippens, MD, PhD, Associate Professor, Department of Radiotherapy, UMC Utrecht.

18.45 - 18.50 *Q&A*

18.50 - 19.10 *Coffee break*

19.10 - 19.30 **Functional salivary gland imaging**, Wouter Vogel, MD, PhD, Radiation Oncologist and Nuclear Medicine Physician, NKI/AvL Amsterdam

19.30 - 19.35 *Q&A*

19.35 - 19.55 **MR-fingerprinting for radiotherapy**, Ronald Borra, MD, PhD, Associate Professor of Nuclear Medicine & Molecular Imaging, UMCG

19.55 - 20.00 *Q&A*

20.00 - 20.10 **Concluding remarks**, Hans Langendijk, Professor and chair of the department of Radiation Oncology, UMCG

20.10 *Closure and drinks*

# Advanced imaging for radiotherapy

## Location venue

UMCG, Rode Zaal  
Hanzeplein 1, 9713 GZ Groningen  
Please follow the signs 'Noordelijke Refereeravond  
Radiotherapie' within the UMCG.

## Registration

Please be aware that registration in advance is mandatory.  
Registration will be on the 'first come, first serve' basis.  
We kindly request you to registrate at:  
e.m.l.moed@umcg.nl

## Further Information

Secretariat Radiation Oncology UMCG  
Tel: +31-(0)50 - 361 55 32

## Website links

[www.umcgroningenptc.nl](http://www.umcgroningenptc.nl)  
[www.umcg.nl/NL/UMCG/Afdelingen/Radiotherapie/paginas/default.aspx](http://www.umcg.nl/NL/UMCG/Afdelingen/Radiotherapie/paginas/default.aspx)

## Parking

A parking place is available in parking garage 'UMCG Noord' or parking garage 'UMCG Zuid' (both paid parking).  
You can reach parking garage 'UMCG Noord' via the Vrydemalaan (follow UMCG Noord).

