

# RECIST in the era of AI, RADIOMICS & beyond

Virtual workshop by Cancer Core Europe's Imaging Task Force in collaboration with Education & Training Task Force.

**Date:** October 4th, 2023

**Time:** 13:00 – 16:30 CEST

## SPEAKERS

- **Prof Lennart Blomqvist**, Karolinska University Hospital, Stockholm
- **Dr Mireia Crispin**, University of Cambridge, Cambridge
- **Dr Vitali Grozman**, Karolinska University Hospital, Stockholm
- **Dr Ferry Lalezari**, The Netherlands Cancer Institute, Amsterdam
- **Dr Raquel Perez-Lopez**, Vall d' Hebron Institute of Oncology, Barcelona
- **Dr. Chikako Suzuki**, Södersjukhuset, Stockholm
- **Dr Marta Vaiani**, Fondazione IRCCS Istituto Nazionale dei Tumori, Milano

13:00 - 13:05	Introduction	Blomqvist
13:05 - 13:15	Response evaluation criteria – history & background	Suzuki /Lalezari
13:15 - 14:00	RECIST 1.1 - basic principles & its different modifications	Lalezari/Suzuki
14:00 - 14:45	Radiomics, principles, current & potential future role Radiomic-based biomarkers for targeted therapies & immunotherapy	Crispin Ortuzar/ Perez-Lopez
14:45 - 14:55	Short break	
14:55 - 15:15	Case presentations	Vaiani/Grozman
15:15 - 15:45	Quiz	Suzuki/Blomqvist
15:45 - 16:30	Discussion - What is our role to use the best of current knowledge about RECIST & RADIOMICS in the setting of CCE clinical trials	All

**[Registration link](#)**

Deadline: October 1



**Lennart Blomqvist, Professor, MD, PhD, Dept. of Imaging & Physiology, Karolinska University Hospital. Research group leader Diagnostic Radiology, Dept. of Molecular Medicine & Surgery, Karolinska Institutet, SWE.**

Research group leader radiology at Karolinska Institutet. President for the Swedish Society of Gastrointestinal and Abdominal Radiology (SFGAR). Head of Task Force Imaging in the Personalised Cancer Medicine program at Karolinska Institutet. Specialized in gastro-abdominal/oncologic imaging, with a particular focus and a vast experience in magnetic resonance imaging. Presently responsible for the research program at the PET/MR unit at Karolinska University Hospital.

**Mireia Crispin, Assistant Professor & Group Leader Dept. of Oncology, University of Cambridge, UK.**

Dr. Crispin leads a research group focusing on the development of multi-omic data integration models to understand response cancer therapies. She co-leads the Ovarian Programme of the CRUK Cancer Centre and the Mark Foundation Institute for Integrated Cancer Medicine. She is also the Chief Digital Officer of 52 North Health, an award-winning biotech start-up developing affordable at-home tests for cancer patients.

Author in over 400 publications and has received numerous national and international awards.



**Vitali Grozman, MD, Consultant Radiologist specialized in diagnostic & interventional thoracic radiology, Dept. of Imaging & Physiology, Karolinska University Hospital, SWE.**

Special clinical expertise - Oncological radiology, with special interest in precision cancer medicine and radiotherapy. Interventional radiology, incl CT-guided procedures in lungs and mediastinum. Lead radiologist in the Stockholm Lung cancer screening trial. Research and teaching - PhD, author and co-author of 13 original articles. Involved in several ongoing studies related to tumor biology, radiotherapy, and artificial intelligence. Supervision of medical students, radiology residents and PhD students.



**Ferry Lalezari, MD, Dept. of Radiology, The Netherlands Cancer Institute, NDL.**

F. Lalezari has been working as a thoracic and abdominal radiologist for 12 years. The last 10 years he is located at the Netherlands Cancer Institute (NKI/AVL) in Amsterdam, where RECIST (and variants) are daily work. He is experienced in teaching RECIST criteria to data managers, pharmaceutical companies and physicians among others.

Publications - He contributes yearly to a multitude of publications by performing study measurements.



**Raquel Perez-Lopez, MD, PhD, Team Lead of Radiomics Group, Vall d'Hebron Institute of Oncology, ESP.**

Dr. Perez-Lopez is an experienced academic radiologist and Team Leader of VHIO's Radiomics Group. Her expertise focuses on precision imaging in personalized medicine, achieved through the application of mathematical methods to image processing, and harnessing the potential of AI in oncology. She is a co-investigator in various global research initiatives (CCE-DART, ODELIA, TANGERINE), holds editorial roles for ESMO Real World Data and Digital Oncology, as well as Scientific Reports, and leads the CCE Imaging Task Force.



**Chikako Suzuki, MD, PhD, Senior Consultant, Diagnostic Radiology, Dept. of Molecular Medicine & Surgery, Karolinska Institutet, SWE.**

Dr. Suzuki has been in charge of Imaging Section for Clinical Trial Unit at Karolinska University Hospital, at which upwards one hundred clinical trials are conducted. Besides clinical work, she devotes her time to various educational activities, especially in the field of diagnostic oncology and is often seen leading various oncological research projects. She has authored and submitted numerous scientific publications, most notably on the response evaluation in oncological treatments.



**Marta Vaiani, MD, Dept. of Radiology, Istituto Nazionale dei Tumori di Milano, ITA.**

Dr. Vaiani has a highly specialized oncologic imaging experience achieved during the last 15 years, especially on abdominal imaging with US, CT and MR. Her focus is on liver MRI but even on spleno-pancreatic and kidney diseases, being the referral MR radiologist for surgeons and oncologists at INT. She is co-author of multiple publications, especially about gastrointestinal studies performed at INT, and evaluates, with her colleagues, the RECIST measurements for the hundreds protocols followed at INT.

