

NanoPort online Workshop

January 26, 2023

nanoparticles and proton therapy
for cancer treatment | PROGRAM

Session I Cancer

9.00–10.55

KEYNOTE

Prof. Dr. George Iliakis, University Hospital Essen
Pathways of DNA Double Strand Break Repair and their mechanistic contributions to tumor cell radiosensitization.



SYNGOPRO Talk

Prof. Dr. Alexander Schramm, University Hospital Essen
In vivo models for combined tumor treatment with nanoparticles and proton beam irradiation

Oral I + Oral II

Session II Proton Therapy

11:15–13:05

KEYNOTE

Prof. Dr. Oliver Jäkel, DKFZ Heidelberg
Light ion beams for radiotherapy.



SYNGOPRO Talk

Prof. Dr. Beate Timmermann, WPE Essen, title tba

Oral II + Oral IV

Poster Session

Session II Nano Particles

14:45–16:35

KEYNOTE

Prof. Dr. Inge Herrmann, ETH-Zürich
Nanoparticle-enhanced photon and proton therapy.



SYNGOPRO Talk

Prof. Dr. Stephan Barcikowski, UDE, title tba

Oral V + Oral VI

Scientific Organizers

Prof. Dr. Beate Timmermann, Clinic for Particle Therapy, West German Proton Therapy Centre Essen, University Hospital Essen

Prof. Dr. Stephan Barcikowski, Technical Chemistry I, CENIDE, University of Duisburg-Essen

Prof. Dr. Alexander Schramm, West German Cancer Center, Dept. of Medical Oncology, Molecular Oncology, University Hospital Essen

Dr. Stephan Tippelt, Pediatrics III, Pediatric Oncology and Hematology, University Hospital Essen



Universitätsmedizin Essen
Universitätsklinikum
Innere Klinik – Tumorforschung



Universitätsmedizin Essen
Universitätsklinikum
Klinik für Kinderheilkunde III



University Medicine Essen
University Hospital Essen
Clinic for Particle Therapy



University Medicine Essen
West German Proton Therapy Centre



ZMB
Zentrum für Medizinische Biotechnologie
Center of Medical Biotechnology

