



Tentative Workshop Agenda: **'Cancer metabolism and radioresistance'**
April 12-13th 2019 | OncoRay – National Center for Radiation Research in Oncology
Händelallee 26, 01309 Dresden, Germany

April 12th 2019

11:30 – 12:15 Registration (and lunch) | OncoRay (Foyer)

12:15 – 12:30 Opening remarks

12:30 – 13:00 **Verena Jendrossek**, Universität Duisburg-Essen, DE

Metabolic plasticity of cancer cells and its impact on cancer radiotherapy

13:00 – 13:30 **Celia Berkers**, Center for Biomolecular Research, Utrecht University, NL

Exploring the role of cellular metabolism in anticancer drug resistance

13:30 – 14:00 **Anna Dubrovskaja**, OncoRay, Dresden, DE

Metabolic biomarkers and therapeutic targets for tumor radiosensitization

14:00 – 14:30 Coffee break | OncoRay (Foyer)

14:30 – 15:00 **Jacques Pouyssegur**, IRCAN, CNRS-INSERM, Univ. of Nice, F & CSM, MC

Targeting acidic, nutritional and oxidative stresses in cancer

15:00 – 15:30 **Pierre Sonveaux**, IREC, University of Louvain (UCL), Brussels, BE

Monocarboxylate transporter 1 (MCT1) promotes tumor metastasis independently of its activity as a transporter of lactate

15:30 – 16:00 Short Talks (TBA)

16:00 – 16:30 Coffee break | OncoRay (Foyer)

16:30 – 17:00 **Heiko Wurdak**, The University of Leeds, UK

Cellular phenotypes and metabolic dynamics in brain tumors

17:00 – 17:30 **Alexander Schramm**, Children's Hospital, Oncology Laboratory, University Clinic Essen, DE

MYCN induced metabolic reprogramming creates potential vulnerabilities of cancer cells

17:30 – 18:00 Short Talks (TBA)

18:15 – 19:45 From idea to action: discussion on joint EU grant application

20:00 Dinner

April 13th 2019

9:00 – 9:30 **Christiane Opitz**, German Cancer Research Center (DKFZ), Heidelberg, DE

Tryptophan metabolism in cancer: is there a link to radioresistance?

9:30 – 10:00 **Oleh V Stasyk**, Institute of Cell biology NAS of Ukraine, Lviv, UA

Arginine deprivation as anticancer therapy: PROs and CONS

10:00 – 10:30 **Leoni A Kunz-Schughart**, OncoRay, Dresden, DE

Amino acid auxotrophy in cancer: challenge for combinatorial metabolic targeting

10:30 – 11:00 Coffee break | OncoRay (Foyer)

11:00 – 11:30 **Rodrigue Rossignol**, Univ. Bordeaux, INSERM & Cellomet CGFB, Bordeaux, FR

Bioenergetic precision medicine: proof of concept in human lung adenocarcinoma

11:30 – 12:00 **Marina Kreutz**, University Hospital Regensburg, Regensburg, DE

Lactate - a metabolic checkpoint in the tumor environment

12:00 – 12:30 **Wilhelm Palm**, German Cancer Research Center (DKFZ), Heidelberg, DE

Macropinocytosis as a metabolic adaptation of cancer

12:30 – 13:00 Workshop summary | Closing remarks (lunch boxes provided)

