

The TRANSMIT project presents:

***“Fostering applicative discoveries in cancer metabolism:
Patients meet TRANSMIT researchers”
January 17-18, 2020***

PROGRAM AT A GLANCE



Joseph Maisin Auditorium, UCLouvain Campus, Brussels (Belgium)

SYMPOSIUM PROGRAM

Friday, January 17th

Opening

09.00 – 09.15	<i>Welcome to the Symposium</i> Pierre Sonveaux (Université catholique de Louvain, Brussels, Belgium)
09.15 – 09.30	<i>What is the TRANSMIT project and its objectives</i> Anna Maria Porcelli (University of Bologna, Bologna, Italy)
09.30 – 09.45	<i>Meet the TRANSMITers</i> Luca Zampieri (Fellows' Representative) (Université catholique de Louvain, Brussels, Belgium)

Session 1: Metabolic rewiring in cancer cells

Chairpersons: **Sybill Mazurek (Justus-Liebig-University of Giessen, Giessen, Germany)**
Jason Locasale (Durham, USA)

09.45 – 10.15	[O1] <i>Identifying metabolic vulnerabilities and flexibilities of tumors</i> Mariia Yuneva (The Francis Crick Institute, London, UK)
10.15 – 10.35	[O2] <i>Supporting patients and their families: Dynamo Camp and the Recreational Therapy model</i> Maria Elena Vivaldi (Dynamo Camp, Limestre & Milan, Italy)
10.35 – 11.00	Coffee break
11.00 – 11.30	[O3] <i>Metabolic changes driving metastasis formation</i> Sarah-Maria Fendt (VIB-KU Leuven Center for Cancer Biology, Leuven, Belgium)
11.30 – 11.50	[O4] <i>TRANSMIT communication activities: children booklet and beyond</i> Giuseppe De Bonis (University of Bologna, Bologna, Italy)
11.50 – 12.20	[O5] <i>The therapeutic alliance as a winning approach against pediatric cancer</i> Oliva Giada (A.G.E.O.P. Ricerca, Bologna, Italy)

12.20 – 12.30	Questions
12.30 – 14.00	Lunch break + Posters Session

Session 2: Cancer as a metabolic disease

Chairpersons: **Ana Mateus (Nature Cell Biology, Nature Research, London, UK)**
Giuseppe Gasparre (University of Bologna, Bologna, Italy)

14.00 – 14.30	[O6] <i>Glucose and amino acid metabolism in cancer</i> Jason Locasale (Durham, USA)
14.30 – 15.00	[O7] <i>Regulating amino acid metabolism in cancer can improve response to therapy</i> Ayelet Erez (Weizmann Institute of Science, Rehovot, Israel)
15.00 – 15.30	Coffee break
15.30 – 16.00	[O8] <i>Mechanisms of respiratory chain subunit exchanges in colorectal cancer</i> Guido Bommer (Université catholique de Louvain, De Duve Institute, Brussels, Belgium)
16.00 – 16.20	[O9] <i>Austrian Childhood Cancer Organization “One HEAD, many HATS”</i> Anita Kienesberger (ÖKKH, Vienna, Austria)
16.20 – 16.35	Questions

Saturday, January 18th

Session 3: From basic research to metabolic treatments

Chairpersons: **Barbara Kofler (Paracelsus Medical University, Salzburg, Austria)**
Helen Rippon (Worldwide Cancer Research, Edinburgh, UK)

09.00 – 09.30	[O10] <i>Investigations into proline synthesis in cancer; the influence of the tumor microenvironment and endogenous redox</i> Daniel Tennant (University of Birmingham, Birmingham, UK)
09.30 – 10.00	[O11] <i>In vivo and in vitro models, why do we need them?</i> Oliver Maddocks (University of Glasgow, Glasgow, UK)
10.00 – 10.20	[O12] <i>I’m still standing</i> Izabela Grape (Bröstcancerföreningen Amazona, Stockholm, Sweden)
10.20 – 10.50	Coffee break + Poster Session

10.50 – 11.20	[O13] <i>Targeting metabolic vulnerabilities with an OXPHOS inhibitor</i> Joseph R. Marszalek (The University of Texas MD Anderson Cancer Center, Houston, TX, USA)
11.20 – 11.50	[O14] <i>Cancer as a mitochondrial metabolic disease: implications for novel therapeutics</i> Purna Mukherjee (Boston College, Department of Biology, Chestnut Hill, USA)

Closure:

Chairpersons: **Anna Maria Porcelli (University of Bologna, Bologna, Italy)**
Pierre Sonveaux (Université catholique de Louvain, Brussels, Belgium)

11.50 – 12.20	[O15] <i>VHL UK/Ireland Charity is a Research Team Player</i> Graham Lovitt (autoplay presentation) (VHL UK /Ireland - HLRCC Family Alliance, UK)
12.20 – 12.50	[O16] <i>Reproducibility and transparency in scientific publishing</i> Ana Mateus (Nature Cell Biology, Nature Research, London, UK)
12.50 –	Lunch break and Best Poster Award

POSTERS:

JANUARY 17 @ 12.30 – 14.00 & JANUARY 18 @ 10.20 – 10.50

POSTER #	ESR	TITLE
P1	ABLA, Houda	MITO-medicine to reverse ninja mode of cancer cells
P2	BASTOS SANT'ANNA SILVA, Ana Carolina	MITOs function in prostate cancer mediated by nutrient utilization
P3	BEZUIDENHOUT, Nicole	The role of mitochondria in ovarian cancer
P4	DA SILVA ALMEIDA, Ana Catarina	Cancer cell models to test medicines that affect Metabolism
P5	DI PAOLA, Floriana Jessica	How do cancer cells produce energy?
P6	MAHESHWOR, Thapa	Measuring the amounts of coenzymes in cancer cells
P7	SARLAK, Saharnaz	MITOs, cigarette smoke and lung diseases
P8	SCHMIDT, Christina	Understanding how loss of the enzyme fumarate hydratase causes cancer
P9	UMESH GANESH, Nikkitha	How does MITO damage affect the cells surrounding the cancer?
P10	WEBER, Daniela	Impact of diet on cancer growth
P11	ZAMPIERI, Luca	Altered MITOs may make cancer cells resistant to medicines