



Presents

TRANSMIT Symposium 2020

Fostering applicative discoveries in cancer metabolism

Patients meet TRANSMIT Researchers

17-18 January 2020

Gertrude Cori Auditorium UCL Louvain Campus, Brussels (Belgium)

**NO PARTICIPATION FEE IS REQUIRED.
ON-LINE REGISTRATION ONLY.**

Register now!

Deadlines for registration: **December 10th, 2019**

**THE TRANSMIT CONSORTIUM OFFERS
15 FULL FELLOWSHIPS**

Please read all information carefully before applying.
Fellowships cover accommodation and registration to the Symposium.

Applicants for fellowships must submit their request together with a reference letter from patients' organization with whom applicants are collaborating, or with a motivation letter.

Applications must be sent to fabit.transmit@unibo.it no later than December 1st, 2019 at 18.00 (Brussels time)

Within the context of a deep collaboration between different European basic and translational research laboratories, the TRANSMIT project aims to dissect the metabolic remodelling in human cancers, placing the focus on the role of mitochondria and bridging basic research to the improvement/development of therapeutic strategies.

A two-day scientific symposium specifically addressed to patients, their families and associations/foundations will be held in Brussels (Belgium) in January 2020.

The main goal of this conference is to exchange the most up-to-date knowledge advances regarding cancer metabolism crossing the gap/bridge between patients and researchers.

Delivering the outcomes of the TRANSMIT projects to patients and their associations and balance optimistic expectations and realistic progresses is an important task to be fulfilled.

The target audience of this symposium is patients, clinicians, and researchers. It is intended as a bidirectional and challenging communication from patients to researchers, and *vice versa*.

After the welcome and introduction speech, we will give the stage to the people representing the only ultimate reason for cancer research, i.e. patients and associations. Further, researchers with different expertise will share with young students and patients the deep understanding of both basic and translational research in this multifaceted challenge that is the untangling of cancer metabolism.

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: **Sybille Mazurek (Justus-Liebig-University of Giessen, Giessen, Germany)**
Jason Locasale (Duke University School of Medicine, Durham, USA)

09.45 – 10.15	<i>Identifying metabolic vulnerabilities and flexibilities of tumours</i> Mariia Yuneva (The Francis Crick Institute, London, UK)
10.15 – 10.35	<i>Supporting patients and their families: Dynamo Camp and the Recreational Therapy model</i> Maria Elena Vivaldi (Dynamo Camp, Limestre & Milan, Italy)
10.35 – 11.15	Coffee break
11.15 – 11.45	<i>The role of metabolism in metastasis formation</i> Sarah-Maria Fendt (VIB-KU Leuven Center for Cancer Biology, Leuven, Belgium)
11.45 – 12.05	<i>TRANSMIT communication and crowdfunding video</i> Giuseppe De Bonis (University of Bologna, Bologna, Italy)
12.05 – 12.25	<i>Therapeutic alliance as a winning approach against pediatric cancer</i> Giada Oliva (A.G.E.O.P. Ricerca, Bologna, Italy)
12.25 – 12.35	Questions
12.35 – 14.00	Lunch break + Posters Session

Session 2: Cancer as a metabolic disease

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

14.00 – 14.30	<i>Glucose and Amino Acid Metabolism in Cancer</i> Jason Locasale (Duke University School of Medicine, Durham, USA)
14.30 – 15.00	<i>Modulating amino acids metabolism for cancer diagnosis and therapy</i> Ayelet Erez (Weizmann Institute of Science, Rehovot, Israel)
15.00 – 15.40	Coffee break
15.40 – 16.10	<i>Mechanisms of respiratory chain subunit exchanges in colorectal cancer</i> Guido Bommer (Université catholique de Louvain, De Duve Institute, Brussels, Belgium)
16.10 – 16.30	<i>Austrian Childhood Cancer Organisation “One HEAD, many HATS”</i> Anita Kienesberger (ÖKKH, Vienna, Austria)
16.30 – 16.40	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	<i>From gene defects to mitochondrial metabolism</i> Daniel Tennant (University of Birmingham, Birmingham, UK)
09.30 – 10.00	<i>In vivo and In vitro Models, why do we need them?</i> Oliver Maddocks (University of Glasgow, Glasgow, UK)
10.00 – 10.20	<i>I’m still standing</i> Izabela Grape (Bröstcancerföreningen Amazona, Stockholm, Sweden)
10.20 – 11.00	Coffee break
11.00 – 11.30	<i>Targeting Metabolic Vulnerabilities with an OXPHOS Inhibitor</i> Joseph R. Marszalek (The University of Texas MD Anderson Cancer Center, Houston, USA)

11.30 – 12.00	<i>Targeting energy metabolism in cancer</i> Purna Mukhejee (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)

12.00 – 12.30	<i>VHL UK/Ireland Charity is a Research Team Player</i> Graham Lovitt (VHL UK /Ireland - HLRCC Family Alliance, UK)
12.30 – 13.00	<i>Reproducibility and transparency in scientific publishing</i> Ana Matheus (Senior Editor, Nature Cell Biology, Nature Research, London, UK)
13.00 –	Lunch break and departure