



D-day 2018

Torino, 13 Settembre 2018



Moment of socialization, exchange and cultural enrichment for PhD students, teachers and tutors; exceptional architectural frame for lectures by high scientific profile; modern context for presenting the research activity by the PhD students of the School in Life Sciences and Health at the University of Turin: this is the D-DAY, one of the common consolidated training activities of the School.

Program

9.30: **Welcome address**

10.00: **Plenary Lecture**

Prof. Andrea Pietrabissa, MD, FACS

University of Pavia – Italy

"The spare part: reflections on kidney transplantation"

11.00: **Poster Sessions – part I**

12.30: **Lunch**

14.00: **Poster Sessions – part II**

15.30: **Plenary Lecture**

Prof. Alex Toker, PhD

Department of Pathology, Harvard Medical School

**"Reprogramming of Metabolic Pathways By PI 3-Kinase and
AKT Signaling in Cancer"**

16.30: **Poster Awards**



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Special Guests

Andrea PIETRABISSA graduated at the Medical School of the University of Pisa, where he became general surgeon, he first moved as Research Fellow in Liver Transplantation at The University of Chicago, and then as Senior Registrar at the University of Dundee, Scotland. Back in Italy, he started his academic career in Pisa till 2010, when he became Full Professor of Surgery at the University of Pavia. Member of the EAES European Association of Endoscopic Surgeons, he was elected President of the same society in 2017. He is also member of the ESA – European Surgical Association, SAGES Society of American Gastrointest. and Endoscopic Surgeons, ACS - American College of Surgeons. His career is characterised by many distinguished awards and grants received in the field of research. He was granted by the European Commission the MOSAIC – HS (MODular System for Application Integration and Clustering in Home System Project n° 3007 DE (Disabled & Elderly)), the MUSYC (A MULTifunctional Minirobot SYstem for EndosCopy - BIOMED 2 Programme- Project n° PL962524 (Biomedicine and Health Research)), the ALTIUS (Autonomous Living Training for the socio-economic Integration by the Use of technical aids for people with physical Special needs), the MICROTRANS (Microprobe multi-sensor for graft viability monitoring during organ preservation and transportation), the NETMED (A network of excellence in biomedical applications), the ARAKNES (Development of new endoluminal therapies). He owns 4 International Patents of surgical devices. His outstanding scientific role is proven by a consistent literature publication activity in the field of surgery & technology.

Alex TOKER received a B.S. from King's College, University of London, and a PhD from the National Institute for Medical Research. He conducted post-doctoral research in the laboratory of Lewis Cantley in the Department of Medicine at BIDMC. In 2000, he moved to Beth Israel Deaconess Medical Center and Harvard Medical School as an Assistant Professor in the Department of Pathology. In 2003, he was promoted to Associate Professor and joined the faculty of the HMS PhD program in Biological and Biomedical Sciences. In 2010, he was promoted to Professor of Pathology. He is currently the Chief of the Division of Signal Transduction in the Department of Medicine and the Cancer Center at BIDMC. He is a member of the Dana Farber/Harvard Cancer Center, and a member of the Ludwig Center at Harvard. Dr. Toker's research is focused on signal transduction mechanisms in normal and malignant cells. In the mid 1990s, he discovered the mechanism by which phosphoinositide 3-kinase transduces signals to the protein kinase effector AKT/PKB. Recently his group has been investigating the reprogramming of metabolic pathways by aberrant PI3K and AKT signaling in human cancers, and the mechanisms of drug resistance in cancer chemotherapy. The goal of his laboratory is to decipher the complex mechanisms by which these pathways impact cancer progression, with the ultimate goal of developing drugs to interfere with malignancy and metastasis.