

Molecular Basis of Hematological Malignancies: A focus on Leukemia and Lymphoma

ORGANIZERS: Kazem ZIBARA (UL/MAK'IT/MUSE) & Guillaume BOSSIS (IGMM)
PLACE: Genopolys, Montpellier, FRANCE **Date:** Wednesday July 6th, 2022

9 :00 – 9 :10 **Kazem ZIBARA:** INTRODUCTION

9 :10 – 9 :45 **Dominique BONNET** (Francis Crick Institute, London)
Dissecting the cross-talk between normal, leukaemic stem cells and the bone marrow microenvironment

9 :45 – 10 :15 **Haidar AKL** (Université Libanaise, Lebanon)
Calcium mediated Cell fate decision: A perspective on Leukemogenesis

10 :15 – 10 :45 **Marwan EL-SABBAN** (American University of Beirut, Lebanon) via ZOOM
Intercellular Communication in hematological Malignancies

10 :45 – 11 :00 COFFEE BREAK

11 :00 – 11 :30 **Akram GHANTOUS** (IARC, Lyon)
Search for Origins of Childhood Leukemia: Mapping “Molecular Diary” of Nature and Nurture

11 :30 – 12 :00 **Hiba EL-HAJJ** (American University of Beirut, Lebanon) via ZOOM
Nucleophosmin-1 in Acute Myeloid Leukemia: A friend or a Foe?

12 :00 – 14 :00 LUNCH

14 :00 – 14 :30 **Kolja EPPERT** (McGill University, Montreal, Canada) via ZOOM
Characterizing the role of oncogenic mutations in pre-leukemic hematopoietic stem cells.

14 :30 – 15 :00 **Youmna KFOURY** (Moderna, USA) via ZOOM
RNA signaling in the bone marrow microenvironment

15 :00 – 15 :30 **Amy SEXAUER** (Harvard Medical School, MIT, Boston, USA) via ZOOM
Defining the role of DHODH inhibition in the treatment of T-cell ALL

15 :30 – 15 :50 COFFEE BREAK

15 :50 – 16 :20 **Jerome MOREAUX** (IGH, Montpellier, France)
Targeting cellular iron homeostasis in B cell malignancies

16 :20 – 16 :50 **Ali BAZARBACHI** (American University of Beirut, Lebanon) via ZOOM
Adult T cell leukemia as a virus addicted malignancy: implications for therapy

16 :50 – 17 :20 **Ludovic GABELLIER** (IGMM, Montpellier, France)
Targeting SUMOylation in preclinical models of AML

17 :20 – 17 :30 CONCLUSIONS