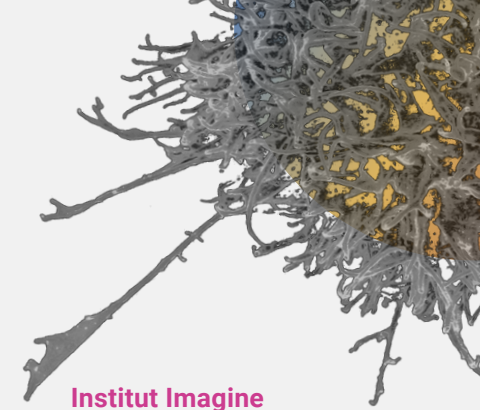


SYMPOSIUM PARIS KIDS CANCER

Development and maturation of the immune system : lessons for pediatric cancers



Institut Imagine
24 Bd du Montparnasse 75015 Paris

Thursday, June 5th

13:00-14:00 Registration, Lobby

13:30-14:00 Welcome Coffee, 6th floor

Session 1: Ontogeny of the immune system

Chairs: Lilou Germain, Javiera Villar

14:00-14:20 **Alain Fischer**, Inst. Imagine, Coll. de France
& **André Baruchel**, Hôp. R. Debré AP-HP - FR
Introduction

14:20-15:00 **Anindita Roy**, University of Oxford - UK
Human fetal B cell developmental pathways

15:00-15:40 **Bernard Malissen**, CIML - FR
Natural and engineered disorders of T cell development

15:40-16:00 **Rosalie Borry**, Inst. Imagine - FR
CRISPR modeling of ALK-driven lymphomagenesis:
uncovering novel regulators through OMICs analyses

16:00-16:30
Coffee break, 6th floor

16:30-17:10 **Chenqu Suo**, Stem Cell Institute - UK
Understanding Development of Human
Immunity One Cell at a Time

17:10-17:50 **Sonia Garel**, École normale supérieure - FR
Microglia in early brain development:
a window of opportunity

Session 2: Interactions host and microbiota

Chair: Valeria Manriquez

17:50-18:30 **Yasmine Belkaid**, Institut Pasteur - FR
Immunological control of host physiology

18:30
Cocktail, 6th floor

Friday, June 6th

08:00-09:00 Registration, Lobby

08:30-09:00 Welcome Coffee, 6th floor

Session 2: Interactions host and microbiota

Chairs: Valeria Manriquez, David Michonneau

09:00-09:40 **Johnny Ludvigsson**, Linköping Univ. - SE
The influence of genetics on gut microbiome

09:40-10:20 **Melanie Conrad**, Charité Med. Univ. - DE
Antibiotic use during pregnancy: The influence of
maternal gut dysbiosis on fetal and neonatal
immune system development

10:20-10:40 **David Michonneau**, AP-HP - FR
Impact of host microbiota on graft versus
tumor effect and relapse risk

10:40-11:00
Coffee break, 6th floor

11:00-11:40 **Mihai Netea**, Radboud Univ. - NL
Long-term effects of microbes on innate
immune responses

11:40-12:00 **Marine Fidelle**, Gustave Roussy - FR
Intestinal biomarkers in cancer immunosurveillance

12:00-12:20 **Lilou Germain**, IGDR - FR
Microbiota-dependent accumulation of MAIT cells

12:20-13:30
Lunch, 6th floor

Session 3: Interactions immune system and cancer

Chairs: Rosalie Borry, Marine Fidelle

13:30-14:10 **Arndt Borkhardt**, Düsseldorf Univ. - DE
Immune training for prevention of childhood acute
lymphoblastic leukemia – aspiration or pie in the sky?

14:10-14:50 **Florent Ginhoux**, Gustave Roussy - FR
Tumor Macrophage Heterogeneity

14:50-15:10 **Valeria Manriquez**, Institut Curie - FR
Reprogramming of myeloid cells by poly(I:C) enhances
progenitor exhausted T-cells recruitment and
improves anti-PD1 efficacy in Rhabdoid tumors

15:10-15:30
Coffee break, 6th floor

15:30-16:10 **Sylvain Latour**, Institut Imagine - FR
Inborn errors of immunity predisposing to cancer

16:10-16:30 **Javiera Villar**, Gustave Roussy - FR
Spatially-resolved macrophage populations
in Neuroblastoma

16:30-17:10 **Petter Brodin**, Karolinska Institute - SE
Systems-level immunomonitoring in children
with solid tumors

17:10-17:20 **Alain Fischer**, Inst. Imagine, Coll. de
France & **André Baruchel**, Hôp. R. Debré AP-HP - FR
Conclusion