

nTAiDA[©] Workshops

*« New Technologies
for Autoimmune/Inflammatory Disease
Analysis »*

Workshop 2 : 24 April

Faculté de Médecine Pierre et Marie Curie
105 Boulevard de l'Hôpital, Paris, France
Conference room 6th floor

Free but mandatory registration: [https://
eventbrite.fr/event/16535110962/](https://eventbrite.fr/event/16535110962/)



i2B INFLAMMATION
IMMUNOPATHOLOGY
BIOTHERAPY
HOSPITAL UNIVERSITY DEPARTMENT - DHU

Workshop 2: Microbiome and Immune Repertoire

April 24 2015 9h00 - 17h00

105 Boulevard de l'Hôpital, Paris, France

Conference room 6th floor

09.00 Welcome coffee

09.30 **Introduction**

David Klatzmann, i2B Coordinator, Pitié-Salpêtrière, Paris

09.45 **Immune Repertoires what, why, how**

Adrien Six, Integrative Immunology, Pitié-Salpêtrière, Paris

10.30 **Antibody Discovery by Deep Mining of Immune System Repertoires**

Allan Jensen, HiFiBio, Paris

11.15 Coffee break

11.30 **Fungal microbiota in IBD**

Harry Sokol, Gastroenterology, Saint Antoine, Paris

12.15 **Understanding microbiome data : a primer for clinicians**

Philippe Seksik, Gastroenterology, Saint Antoine, Paris

13.00 Lunch

14.00 **Quantitative metagenomics for human gut microbiome analysis**

Dusko Ehrlich, MetaGenoPolis, Jouy-en-Josas

14.45 **Immunorepertoire studies: technology and applications**

Ivan Zvyagin, Shemyakin and Ovchinnikov Institute of Bioorganic Chemistry, Moscow

15.30 Coffee Break

15.45 **Probabilistic analysis of repertoire diversity.**

Aleksandra Walczak, Laboratoire de Physique Théorique, ENS, Paris

16.30 **Deciphering TCR repertoire diversity using multivariate analyses**

Wahiba Chaara, Integrative Immunology, Pitié-Salpêtrière, Paris

17.15 General Discussion

17.30 End



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