



The First Immunology Meeting of Strasbourg is organized by researchers and PhD candidates of the university of Strasbourg. It aims to present scientific activity and to foster exchange of ideas and collaborations. Indeed, this meeting focuses on basic research that may alter our understanding of existing concepts in immunology.

Different research institutes and structures of the university on Strasbourg will present their research activities organized into 4 themes:

1. Adaptive and innate immunity
2. Hematopoiesis and development
3. Inflammation regulatory mechanisms
4. Therapy

Participants include post-doc researchers and PhD candidates from the following organizations:

- Institut de Biologie Moléculaire et Cellulaire "IBMC"
- Institut de Génétique et de Biologie Moléculaire et cellulaire "IGBMC"
- Etablissement Français de Sang "EFS"
- Institute of Immunology of Strasbourg - Faculty of Medicine of Strasbourg
- Faculty of Pharmacy of Strasbourg

The organizing Committee:

- Christopher Mueller (DR, CNRS UPR 3572, IBMC)
- Susan Chan (DR, IGBMC, Illkirch)
- Carole El Hachem (PhD Student, IGBMC, Illkirch)
- Marie-Belle El Mdawar (PhD Student, UMR 949, EFS-ALCA)
- Farouk Allouch (PhD Student, CNRS UPR 3572, IBMC)

PROGRAM

8:30 – 9:00 **Breakfast**

9:00 – 9:15 **Welcome Speech**

9:15 – 10:45 **Adaptive & Innate Immunity**

Chairs: Susan Chan & Christopher Mueller

Alexandre Mariotte (2nd year PhD student), supervisor: Philippe Georgel
DICER and inflammation

Isaque João da Silva de Faria (2nd year PhD Student), supervisors: Jean-Luc Imler and Joao T. Marques (UFMG Belo-Horizonte)
DNA virus sensing through viral dsRNA recognition by Drosophila innate immune system

Delphine Bouis (2nd year PhD student), supervisor: Pauline Soulas-Sprauel
Role of STING gain of function in immunity

Ramzi Nehmar (4th year PhD student), supervisor: Philippe Georgel
Role of plasmacytoid dendritic cells in mouse models of experimental arthritis

Marie-Belle El Mdawar (3rd year PhD student), supervisor: Henri de la Salle
Cells implicated in the development of Transfusion-Related Acute Lung Injury

Carole El Hachem (4th year PhD student), supervisor: Mei Li
Basophils in allergic skin inflammation

10:45 – 11:15 **Coffee Break – offered by StrasAIR association**

11:15 – 12:30 **Development and hematopoiesis talks**

Chair: Marie-Belle El Mdawar

Alicia Aguilar (4th year PhD student), supervisor: Catherine Léon
Mimicking the bone marrow environment in 3D culture, a key to better understand megakaryopoiesis

Camille Jost (2nd year PhD student), supervisors: François Lanza et Nathalie Brouard
Role of the cellular microenvironment in megakaryocyte differentiation

Quentin Muller (3rd year PhD student), supervisor: Vincent Flacher
Reconstruction of human immunocompetent and innervated human skin

Romain Veber (2nd year PhD student), supervisor: H  l  ne Dumortier
Lymphoid neogenesis in kidneys during lupus: fundamental mechanisms and therapeutic tracks

Gaëtan Maurer (3rd year PhD student), supervisors: Philippe Kastne et Céline Charvet
Role of Ikaros in Th17 cell polarization

12:30 – 14:00 **Buffet LUNCH (offered by Medalis LabEx)**

14:00 – 14:45 **Inflammation I**

Chair: Carole El Hachem

Blandine Maitre (University of Toronto/UMR_S949 et EFS-ALCA)
Role of Vitamin A and LT β R in the homeostasis of splenic dendritic cells

Camille Balbinot (4th year PhD student), supervisor: Isabelle Duluc
Non-cell-autonomous tumor suppressor activity of the Cdx2 homeobox gene in the gut

Matthieu Sawaf (3rd year PhD student), supervisor: Fanny Monneaux
Role of BTLA in human systemic lupus erythematosus

14:45 – 15:15 **Coffee & Tea Break**

15:15 – 16:00 **Inflammation II**

Chair: Carole El Hachem

Mélanie Chypre (3rd year PhD student), supervisor: Christopher Mueller
Regulation of lymph node macrophage differentiation by RANKL

Virginia Delgado (Post-doc), supervisor: Pauline SOULAS-SPRAUEL
Searching partners of Trib1 in B cells

Ruicheng Wei (Post-doc), supervisor: Mei Li
Study of type 2 immunity in atopic dermatitis

16:00 – 16:15 **Coffee & Tea Break**

16:15 – 17:15 **Therapy**

Chair: Farouk Alloush

Fengjuan Wang (Post-doc), supervisor: Sylviane Muller
P140 peptide, a heat shock protein inhibitor, targets lysosomes for lupus therapy

Baihui Li (3rd year PhD student), supervisor: Sylviane Muller
P140 as a modulator of autophagy in Sjögren's syndrome

François Daubeuf (Post-doc), supervisor: Nelly Frossard
Mechanisms of action of an CXCL12 inhibitor in the anti-inflammation of asthma

Celia Jacobberger-Foissac (3rd year PhD student), supervisors: Béatrice Heurtault, Sylvie Fournel
Conception and evaluation of liposomes-based therapeutic vaccines against cancer in a murine model

17:15 – 17:20 **Concluding Remarks**