

2nd Winter School of Cell Analysis

Immunology

Saint-Etienne France

6-10 March 2017

| | 6th March Monday | 7th March Tuesday | 8th March Wednesday | 9th March Thursday | 10th March Friday |
|----------------|---|--|---|--|--|
| 8:30-9:30 | Welcome | TP tests PMA Ionomycine preparation | Flow cytometric analysis of human peripheral blood dendritic cells | Immuno-toxicology Enrique O'Connor (Valencia Spain) | NK cytotoxic assays Sébastien Viel (Lyon) |
| 9:30-10:30 | General review on applications | Lymphopoiesis T | Myelopoiesis (Thomas Mathes Geneva) | Primary immunodeficiencies Ulrich SACH (Leipzig) | Degranulation tests Paul Rouzaire (Clermont Ferrand) |
| 11:00 - 12:00 | B-cells Development and differentiation | T cell Functional tests | human dendritic cells from CD34+ precursors and monocytes | Real time Cytometry | Basophil Activation test |
| 12:00 - 13:00 | Ulrich Salzer (Freiburg) | Iyadh DOUAGI (Stokholm) | Immunopathology and Sepsis Fabienne VENET (Lyon) | Standardisation, Quality controls Ulrich SACH (Leipzig) | |
| | | | | Innovation Multiplex highly sensitive immuno-assay | |
| 14:00:00-15:00 | Practicals on B Cells analysis (Imd) | Innate Lymphoide Cells Frederyc Vely (Marseille) | Phagocytosis Bactericidy Fouad Seghrouchni (Rabat Morocco) | Signaling, phosphorylation Enrique O'Connor (Valencia Spain) | NK cytotoxic test |
| 15:00-16:00 | Practicals on B Cells analysis (Imd) | PMA Activation test technique | Immunoparalysis, Monitoring Granulocyte reactivity Fabienne VENET (Lyon) | Imagestream | |
| 16:30 - 17:30 | Assays for the assessment of T cell activation and function | Cytokines Cytoplasmiques | Test Phagocytosis Bactericidy | Analysis of Signal, phosphorylation Tiphane PICOT | Conclusions, feedback |
| 17:30-18:30 | Practicals : Lymphocyte activation tests sample preparation.. | Cytokines Cytoplasmiques | Dendritic cells | | |