

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 Rouzair (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		

