

LIST OF POSTERS

Immunoregulation

Last name	First name	Title of poster	# poster
ARIBI	Mourad	Combination of metformin with sodium selenite induces a functional phenotypic switch of human gm-cSF monocyte-derived macrophages	P1
BAYER WILDBERGER	Alexandra	Phenotypical and functional characterizations of conditioned mesenchymal Stromal cells (mSc), as tools for immunomodulation in myasthenia gravis	P2
GATINEAU	Jérôme	Identification of a receptor of the immunosuppressive enzyme IL411 at the surface of T lymphocytes	P3
GAUTHIER	Juliette	Role of IL-2 in B cell responses in a mouse model of IL-2 receptor inactivation	P4
GONDÉ	Henri	Development and evaluation <i>in vivo</i> of depleting mono- and bi-specific nanobodies	P5
GRASSEAU	Alexis	Transcription factors c-mAF is a putative key element of regulatory function in B cells	P6
HAMMOUDI-TRIKI	Djelila	Scorpion venom exhibit potent immunomodulating effects by promoting hematopoietic program of accelerated granulopoiesis	P7
MARODON	Gilles	<i>In silico</i> characterization of the transcriptomic meta-signature of murine regulatory T cells identifies the proenkephalin gene as a novel Treg marker	P8
MILHEM	Clara	Immune regulation after high dose hypofractionated radiotherapy leads to complete clinical response in a renal adenocarcinoma patient case	P9
RAACHE	Rachida	Association of T-786c eNos polymorphism and diabetic retinopathy in the Algerian population	P10
SOUFLI	Imene	Immunomodulatory effect of melatonin during experimental auto-immune uveitis in rats	P11
THIOUNE	Ndeye Maréme	comparison of regulatory T-cell functionality between two African populations exposed to schistosomes	P12

Innate control of inflammation

Last name	First name	Title of poster	# poster
LEPELLEY	Alice	Loss-of-function of COPA highlights the importance of the STING ER-Golgi axis in type I interferon signalling	O1-P13
LEVEQUE	Edouard	Eicosanoids: a new step in deciphering mast cells/CD4+ T cells Crosstalk	O2-P14
SMITH	Nikaïa	Control of TLR7-mediated type I IFN signaling in pDCs through CXCR4 engagement A new target for lupus treatment	O3-P15
ABDUL HAMID	Aizat	A mouse ear skin model to study the dynamics of innate immune responses against <i>Staphylococcus aureus</i> biofilms	P16
BENLAGHA	Kamel	Critical contribution of Nkg2D expressed on iNkT cells in con A-induced liver hepatitis in mice	P17
BIDÈRE	Nicolas	Pannexin-1 limits the Production of proinflammatory cytokines during Necroptosis	P18
EL FAQER	Othman	Evaluation of the effects of extracts and essential oils of three moroccan plants (garlic, laurel and cloves) on the bactericidal activity of human neutrophils	P19
GIUSTI	Delphine	NeTosis in BP patients with relapse is modulated by IL-17 and IL-23 interplay	P20
LAFOURESSE	Fanny	PSgl-1 dependent recruitment of type-2 innate lymphoid cells through HeV-like vessels in atopic dermatitis skin-lesions	P21
TRILLEAUD	Charlène	Triggering the resolution of inflammation with agonistic anti-chemR23 antibody ameliorates recovery in preclinical colitis models	P22
TULIC	Meri K.	CXCR3B activation at the surface of melanocytes initiates the anti-melanocytic response in vitiligo	P23

Session DGFI (Deutsche Gesellschaft für Immunologie)

Last name	First name	Title of poster	# poster
ALVES NICOLAU	Carolina	MAIT1 protease activity is negative regulated by TAK1 in T-cells	P24
DANIEL	Malo	Development of primary immune cell tracking with a new-generation of multimodal far-red emitting polymer probe	P25
LENOGUE	Kevin	Evaluation of antigen-specific T-cell immunity at the single cell level using large panels of DNA barcoded MHC multimers	P26

MBENGUE	Babacar	T lymphocyte activation in Plasmodium falciparum cerebral malaria: prognostic value of CD69 and HLA-DR expression	P27
TABIASCO	Julie	Tolerance breakdown and T cell dysregulation in non-silicotic silica exposed workers	P28
THYS	An	The Phosphorylation of the I κ B α Subunit SHARPIN participates in the optimal Activation of NF- κ B	P29

Single-cell analysis and handling Big Data

Last name	First name	Title of poster	# poster
BECHT	Etienne	Infinity Flow: Comprehensive Single-Cell Protein Profiling via Massively Parallel Flow Cytometry and Machine Learning	O4-P30
LAURENT	Thomas	Longitudinal analysis of immune cells in kidney transplantation rejection by single-cell RNA-seq	O5-P31
SÉRAZIN	Céline	Single cell transcriptomic analysis for a better understanding of human CD8+ regulatory T cells	O6-P32
VERDIER	Julien	Characterization of circulating immune cells in myasthenia gravis using mass cytometry	P33

Transplantation

Last name	First name	Title of poster	# poster
BÉZIE	Séverine	Human CD8+ Treg expressing a MHC-specific chimeric antigen receptor display-enhanced suppression of human skin rejection and GVHD in NSG mice	O7-P34
DUBOIS	Florian	Identification of a common transcriptional pattern for regulatory B cells through meta-analysis	O8-P35
MARSÈRES	Gabriel	$\gamma\delta$ T cell-based immunotherapy against CMV infection after transplantation: a preclinical study	O9-P36
AGBOGAN	Viviane A.	Cell therapy of sclerodermatous chronic graft versus host disease with innate-activated B-cell progenitors	P37
COLAS	Luc	Unique and specific Proteobacteria diversity in urinary microbiota of tolerant kidney transplanted recipients	P38
DEGAUQUE	Nicolas	Early expansion of TemRA CD8 with innate-like function identifies kidney transplant recipients at high-risk of graft failure	P39
DOAN NGOC	Tra My	Direct and indirect targeting of IL-15-induced functional PSgl1 control the enhanced migratory properties of TemRA CD8 from kidney transplant recipient	P40
KARRAY	Saoussen	Differential effect of FasL on GVHD disease according to its source	P41
KERVELLA	Delphine	MHC class I masking as a preconditioning strategy to minimize the deleterious effects of donor specific antibodies to the kidney transplant	P42
		Resveratrol exerts cytoprotective effects that reduce donor specific antibodies cytotoxicity on endothelial cells	P43
MAI	Hoa	Interleukin-7 receptor blockade by a human anti-CD127 monoclonal antibody in non-human primate kidney transplantation	P44
MENORET	Séverine	Rats Rag1/Il2 γ deficient and human SIRP α + (RR γ S): a novel immunodeficient model for studying human immune responses	P45
MOLLÉ	Alice	Epigenetic changes occurring during transplant rejection	P46
NAKID CORDERO	Cecilia	Distinct patterns of immune exhaustion associated with eBV-positive or eBV-negative Post-Transplant lymphoproliferative disorders	P47
NGUYEN	Ngoc Khanh	Characterization of Bk-specific monoclonal antibodies in kidney transplant recipients after Bk reactivation	P48
ROUSSELIÈRE	Amélie	Phenotypic features of HLA-e-restricted CD8+ TemRA induced by HcmV infection	P49

Cancer Immunology

Last name	First name	Title of poster	# poster
AFONSO	Sergio	<i>In situ</i> detection of PD-1+CXCL13+CD8+ T cells in non-small cell lung cancer	P50
DEMEULES	Mélanie	Evaluation of the function of P2X7 receptor in inflammation and cancer using a novel methodology combining AAV viral vector and anti-P2X7 nanobodies	P51

KARKENI	Esma	Vitamin D controls tumor growth and CD8+ T cell infiltration in breast cancer	P52
MBENGUE	Babacar	Relationship between levels of plasmatic galectin-3 and T cells apoptosis and activation in senegalese women with breast cancer during chemotherapy	P53

Cancer Immunotherapy

Last name	First name	Title of poster	# poster
DUPRÉ	Emilie	A novel strategy to identify melanoma-antigen from long non coding RNA	O10-P54
EVNOUCHIDOU	Irini	IRAP-dependent TCR endosomal signalling is essential for T cell response	O11-P55
MARTINET	Ludovic	Eomes-dependent CD226 loss alters TCR responsiveness and restrains CD8+ T lymphocyte anti-tumor functions	O12-P56
ARIBI	Mourad	Sodium selenite increases the immunotherapeutic effect of metformin on monocyte during T-cell acute lymphoblastic leukemia	P57
AUBERT	Nicolas	HVEM blockade initiates tumor cell death by innate immunity and improves anti-tumor response by human T cells in NSg immuno-compromised mice	P58
BAHRI	Meriem	Rethinking anti- $\gamma\delta 2$ immunotherapeutic approaches to high-risk neuroblastoma It takes 3 to tango : anti-o-acetyl- $\gamma\delta 2$ ganglioside plus anti-PD1 mAb regimen increases Nk cell antibody- dependent mediated neuroblastoma cell cytotoxicity	P59 P60
BILONDA MUTALA	Linda	The inflammasome of tumor cells in colorectal cancer: a potential target to strengthen the Th1/Tc1 response of tumor infiltrating T lymphocytes (TILs)	P61
CAPITAO	Marisa	α -Radioimmunotherapy targeting PD-L1 in melanoma	P62
DEVEUVE	Quentin	The proteolytic cleavage of therapeutic monoclonal antibody hinge region: more than a matter of subclass	P63
DIMIER-POISSON	Isabelle	Neospora caninum to fight tumors: live and let die	P64
DUCOIN	Kathleen	NKG2A, a new immune checkpoint, overexpressed by highly reactive tumor-infiltrated CD8 T lymphocytes in human colorectal cancer	P65
DUFAU	Carine	Impact of ceramide metabolism in TNF-induced immune escape in melanoma	P66
GARAUD	Soizic	Functional immunosuppressive tumor-infiltrating B cells in human breast cancer	P67
GUITTARD	Geoffrey	Targeting cIS in Nk cells improves their immunity to primary and metastatic tumors without impairing homeostasis	P68
JOALLAND	Noémie	Allogeneic human V γ 9V δ 2 T cells as candidates for anti-tumor immunotherapie	P69
LAVIRON	Marie	Treg regulated TAm niches following chemotherapy	P70
LUTZ	Pierre	The E3 ubiquitin ligase ASB2 α in T helper 2 cells negatively regulates antitumor immunity in colorectal cancer	P71
MAKANGA	Dhon Roméo	Genetic and molecular basis of the phenotypic and functional structuration of the NK cell repertoire: implication in the context of acute leukemia Impact of KIR and HLA genotypes on rituximab-mediated antibody-dependent cellular cytotoxicity (ADCC) responses of the KIR+ NK cell subsets	P72 P73
MAROTTE	Lucine	Increased anti-tumor efficacy of PD-1 deficient melanoma-specific human lymphocytes	P74
MARTON	Chrystel	Cord blood for anticancer immunotherapy using genetically modified T cells	P75
MBENGUE	Babacar	Predictive value of IL-17A Serum levels during chemotherapy in Senegalese women with cervical cancer	P76
MONTFORT	Anne	Neutral sphingomyelinase 2 heightens anti-melanoma immune response and synergizes with immune checkpoint inhibitors	P77
NOEL	Gregory	The function and regulatory balance of CXCR5+ tumor infiltrating lymphocytes in human breast cancer-associated tertiary lymphoid structures	P78
PARCELIER	Aude	Transduction efficiency of lentiviral vector produced by a cell suspension manufacturing process for the production of <i>ex vivo</i> gene modified T cells	P79
PERRIN	Justine	Impact of α -Radioimmunotherapy on tumor microenvironment	P80
POLI	Caroline	Thoracic and cutaneous sarcoid-like reaction associated with anti-PD-1 therapy: longitudinal monitoring of PD-1 and PD-L1 expression after stopping treatment	P81
RETHACKER	Louise	Characterization of Human Innate lymphoid cell Subsets in Healthy lymph Nodes	P82
TAVARES KANYAVUZ	Alexia	Heme as a modulator of the therapeutic efficacy of anti-cancer antibodies	P83

Germinal Center Club

Last name	First name	Title of poster	# poster
BONAUD	Amélie	Analysis of SNARE-mediated regulation of plasma cell biology	O13-P84
DIAZ-MUNOZ	Manuel D.	The RNA-binding protein HuR is required for germinal center responses and high-affinity antibody production	O14-P85
TARDIF	Virginie	A Novel Follicular Regulatory Innate Lymphoid Cell (ILCFR) Population present in human tonsils disrupts germinal centers and expands in chronic viral infection	O15-P86
BERTHO	Nicolas	Follicular B cells/macrophages interactions in the inverted porcine lymph node	P87
GRASSEAU	Alexis	Toward a molecular signature of murine and human plasmablasts	P88
JEGER	Raphaël	Impact of HIV infection on the development and function of T follicular helper cells	P89
LE COZ	Carole	A CD25 ^{hi} Tfh cell subset promotes extra-follicular IgM autoantibody production in common variable immunodeficiency	P90
MULOT	Eléonore	Roles of Ish in DNA methylation and humoral immune response in ICF syndrome (Immunodeficiency, centromeric region instability, and Facial anomalies)	P91

Mast Cell/Basophil Club

Last name	First name	Title of poster	# poster
BLANK	Ulrich	Mast cell chymase limits neutrophil activation and recruitment protecting against ischemic reperfusion injury	O16-P92
LI	Mei	IL-3 plays a crucial role in basophil extravasation to mouse skin with allergic contact dermatitis	O17-P93
REBER	Laurent	Characterization of a novel mouse model humanized for IgE and its high-affinity receptor FcεRI	O18-P94
TAUBER	Marie	A new mouse model of mast cell-deficiency based on the specific depletion of Mrgprb2-expressing cells	O19-P95

Innate Immunity

Last name	First name	Title of poster	# poster
DE LUCA	Karelle	Description of Trained Innate Immunity in Dogs – Shared Features and Differences Between Human and mice	P96
DEVISME	Christelle	Serum CXCL14 chemokine as a new biomarker of viral hepatitis	P97
DUBREUIL	Léa	Deep investigation of KIR2DL1/2/3+ NK cell repertoire including KIR allelic polymorphism	P98
FERHAT	Maroua	Metabolic sensing by PPAR γ is required for ILC2 recruitment and function	P99
LADAIGUE	Ségolène	Regulation of monocyte – endothelium interactions in a radiotherapy context	P100
RETHACKER	Louise	Characterization of Human Innate lymphoid cell Subsets in Healthy lymph Nodes	P101
WANG	Shuaiwei	Innate lymphoid cells in stroke	P102

Myeloid cells

Last name	First name	Title of poster	# poster
BIGENWALD	Camille	BRAFV600E-induced senescence in hematopoietic progenitors drives Langerhans Cell Histiocytosis pathophysiology	O20-P103
BIGORGNE	Amélie	Liver-infiltrating neutrophils and mast cells are selectively decreased upon anti-angiogenic therapy in patients with metastatic colorectal cancer	O21-P104
RUFFIN	Nicolas	Human dendritic cell precursors sense HIV-1 by a dual innate mechanism revealed by single cell analysis	O22-P105
BLANQUART	Christophe	Involvement of the M-CSF/IL-34/CSF-1R pathway in malignant pleural mesothelioma	P106
BRAUD	Véronique	Immunosuppression of T cell responses by tumor-associated neutrophils promote cutaneous squamous cell carcinoma progression	P107
DELNESTE	Yves	Impact of lactic acid on human macrophage polarization	P108
GERARD	Claire	Development of a new immunosuppressive cellular therapy derived from myeloid cells in graft-versus-host disease	P109

JEANNIN	Pascale	Lactic acidosis cooperates with GM-CSF AND M-CSF to induce human macrophages with an inflammatory and pro-tumor phenotype	P110
QUINIOU	Gaëlle	Identification of autophagic flux signature associated with human dendritic cell maturation	P112
SIRET	Carole	A new perivascular macrophage subpopulation in the mouse brain	P113
WAKKACH	Abdelilah	Diversity of osteoclasts contributes to the modulation of their Inflammatory effect and resorptive function	P114

Vaccination

Last name	First name	Title of poster	# poster
CHAUVEAU	Lise	cGAMP-loaded HIV-derived VLP elicit protective T cell and antibody responses in mice	O23-P115
LAFOURESSE	Fanny	Unique cellular sources of CXCR3 ligands direct intranodal T cell positioning and interactions following viral infection	O24-P116
SEDDIKI	Nabila	Memory influenza-specific T follicular helper (Tfh) and regulatory (Tfr) cells are depicted in peripheral blood very early following vaccination	O25-P117
BEIGNON	Anne-Sophie	The timing and route of immunizations matter for harnessing late innate memory cells to respond to vaccine re-encounter and efficiently boost humoral immunity	P118
COSSON	Estelle	Immunogenicity of an adjuvanted ebola glycoprotein (gP)-based vaccine in mice	P119
MARLIN	Romain	Identification of draining lymph node by <i>in vivo</i> imaging to analyze early immune events in Non-Human Primate after immunization	P120
PAVOT	Vincent	Multimeric Respiratory Syncytial Virus (RSV) Pre-F antigens presented on a ferritin nanoparticle elicit strong neutralizing responses in animal and human models	P122
SANDOUK	Abdelkader	IL-7 as a mucosal adjuvant in pulmonary immunization protocols	P123

From Immune Development to Ageing

Last name	First name	Title of poster	# poster
LE COZ	Carole	PU.1-mutated agammaglobulinemia (PU.MA) is caused by developmental arrest of pro-B cells	O26-P124
PIEREN	Daan	Pan-KIR+ virtual memory cells accumulate with age and contribute to the functional decline of CD8+ T cells in the elderly	O27-P125
SIMIC	Milesa	Becoming LTI	O28-P126
HARLY	Christelle	The transcription factor TCF-1 enforces commitment to the innate lymphoid cell lineage	P127
RONDEAU	Vincent	Maintenance and differentiation of adult skeletal mesenchymal stromal elements and hematopoietic multipotent progenitors require efficient CXCR4 desensitization	P128
SAUCE	Delphine	Hip fracture leads to transitory immune scar in older patients	P129
		Circulating Hematopoietic progenitors from old humans present pre-senescent state	P130

Young Immunologists

Last name	First name	Title of poster	# poster
CAMARA	Abdouramane	Lymph Node Mesenchymal and Endothelial Stromal Cells Cooperate via the RANK-RANKL Cytokine Axis to Shape the Sinusoidal Macrophage Niche	O29-P131
DUPLOUYE	Pierre	Evaluation of the role of CD28H on human NK cells	O30-P132
JOULIA	Emeline	Role of the Transcription Factor Eomes in Susceptibility to Central Nervous System Autoimmunity	O31-P133
SANTAMARIA	Jérémy	Exceptionally high recirculation of peripheral regulatory T cells to the NOD thymus strongly inhibits <i>de novo</i> development of their precursors	O32-P134

Microbiota and Immune system

Last name	First name	Title of poster	# poster
BERTHELOT	Laureline	Gut bacteria <i>Akkermansia muciniphila</i> induce a specific IgG response in cSF of multiple sclerosis patients	P135
SARRABAYROUSE	Guillaume	Chronic exposure to Atorvastatin therapeutic dose promotes alterations of gut microbiota-induced activation of monocytes and macrophages	P136

Mucosal Immunity

Last name	First name	Title of poster	# poster
JACQUELINE	Cédric	SIRP- α is a major check-point of the reprogramming of resident alveolar macrophages leading to the susceptibility to secondary pneumonia revealed by single cell analysis	O33-P137
LEGOUX	François	Microbial metabolites control the thymic development of mucosal-associated invariant T cells	O34-P138
LETAÏEF	Laïla	Sympathetic nerve fibers control tertiary lymphoid structure neogenesis	O35-P139
ABIDI	Ahmed	Type-2 innate lymphoid cells are dominant Ilcs in the rat intestine	P140
GÉLINEAU	Adélaïde	IRF4-dependent Dcs mediate dietary fibers impact on intestinal Th17 cells to maintain metabolic fitness upon high-fat diet feeding	P141
RAHMOUN	Massilva	Mutli-dimensional analysis of the mucosal immune response to Human papillomavirus (HPV) genital infections in young women	P142
THIS	Sébastien	$\alpha\beta 8$ integrin-expression by BATF3-dependent dendritic cells facilitates IgA responses to Rotavirus	P143

Allergy

Last name	First name	Title of poster	# poster
BASSO	Lilian	House dust mites activate nociceptor-mast cell clusters to drive type 2 skin inflammation	O36-P144
MAI	Hoa	Targeting the IL-7R α as a potential therapeutic approach for allergic asthma	O37-P145
MUELLER	Christopher	Vitamin D3 promotes human Th2 responses by TSLP-dependent and -independent regulation of dendritic cells	O38-P146

Innate T lymphocytes

Last name	First name	Title of poster	# poster
BENLAGHA	Kamel	Characterization of the developmental landscape of RORyt+ iNKT cells	O39-P147
LEZMI	Guillaume	Evidence for a MAIT-17-HIGH phenotype in children with severe asthma	O40-P148
RAFIA	Chirine	TGF- β impairs the antitumour function and metabolism activity of human V γ 9V δ 2 T lymphocytes	O41-P149
AMABLE	Ludivine	TcR density in early iNKT cell precursors regulates agonist selection and subset differentiation in mice	P150
BARBARIN	Alice	Innate CD8 T- $\alpha\beta$ lymphocytes in ovarian cancer immunosurveillance	P151
BENLAGHA	Kamel	TcR density in early iNKT cell precursors regulates agonist selection and subset differentiation	P152
		Acetylation of PIZF regulates the lineage specification of iNKT cells	P153
DE CARVALHO BITTENCOURT	Marcelo	Evaluation of innate lymphoid cells, mucosal associated invariant T cells and specific retinal antigen T cells in human autoimmune uveitis	P154
FESEHA	Yodit	Tribbles Homolog 1 is a negative regulator of FoxP3 in regulatory T cells	P155
LEITE DE MORAES	Maria	$\gamma\delta$ T cells amplify Blomia tropicalis-induced allergic airway disease	P156
PERROTEAU	Jeanne	The expression of the SYK Tyrosine kinase decreases the reactivity threshold and favors the self-reactivity of iNKT cells	P157
YARED	Nathalie	Memory $\gamma\delta$ T cells in murine cytomegalovirus infection	P158

Tolerance and Autoimmunity

Last name	First name	Title of poster	# poster
BESNARD	Marine	Anti-CD45RC mAb Immunotherapy Controls the Development of Auto-Immune Symptoms in an APECED Rat Model of AIRE Deficiency	O42-P159
MARROCCO	Rémi	Role of Themis1-Vav1 signaling hub in Tregs function in the context of CNS autoimmunity	O43-P160
SALOMON	Benoit	Regulatory T cell function is dependent on AMPK in a tumor context	O44-P161
AMÉ	Patricia	Detection of ADA in rheumatoid arthritis is associated with low number of transitional B cells at D0 and non-response to treatment after 6 months of Adalimumab	P162
ARIBI	Mourad	Rituximab treatment reverses the abnormal functional activities of monocyte at the onset of human type 1 diabetes	P163

ASTIER	Anne	Differential effects of 1,25(OH)2D3 on the migration of effector and regulatory T cells	P164
AUCOUTURIER	Pierre	Serum anti-A β antibody signatures in cerebral amyloid angiopathy manifestations	P165
BERGUA	Cécile	Role of the neonatal Fc receptor in the pathophysiology of lupus	P166
BOUCAULT	Laetitia	Transient Antibody Targeting of CD45RC to Prevent the Development of graft Versus Host Disease (GVHD) in Rat and Immune Humanized NSg mice	P167
BOUDIGOU	Marina	IFN α and IL-21 promote distinct populations of effector B cells	P168
BOY	Maxime	Altered T-cell subsets in myelodysplastic syndromes associated with autoimmune disorders	P169
CARDON	Anaïs	Impact of inflammation during antigen expression in the mouse liver on the specific CD4+ T cell and antibody responses	P170
CHRITI	Nedra	Autoreactive B cells escape peripheral checkpoint in ANCA-associated vasculitis and Sjögren's syndrome	P171
DJABALLAH-IDER	Fatmazohra	Auto-immune status in Algerian patients with Behçet Disease	P172
DUBOIS	Florian	Regulatory B cell generation from human Induced Pluripotent Stem cells with a repressible granzyme B expression	P173
PADONOU	Francine	Alternative splicing profiling of AIRE-induced genes reveals a hole in the antigenic self-peptide repertoire expressed in the thymus	P174
FREUCHET	Antoine	Interleukin-34 contributes to Treg Suppressive Function	P175
FRIESER	David	Study of the immunopathogenesis of Narcolepsy type 1	P176
HARDET	Romain	Immune responses in AAV-based gene therapy and strategies to circumvent them	P177
HEMON	Marie	Induction of anti-citrullinated protein antibodies in C57/BL6 wild type and HLA-DR4 transgenic mice after peptidyl arginine deiminase immunization	P178
JAMIN	Christophe	Standardization procedure for flow cytometry data in PRECISESADS, a prospective multicenter study for the immunomonitoring of systemic autoimmune patients	P179
JOURNOU	Malo	Recombinant AAV-mediated gene transfer in the macaque is associated to the modulation of host immune responses	P180
LE GUEN	Valentin	Induction of toxic epidermal necrosis using the XCR1-based new mouse model: Fine tuning of CDC1 homeostatic maturation	P181
MASSON	Frédéric	Investigating the development and the role of Tissue-resident memory T cells during the chronic phase of CNS autoimmune disease	P182
MERRHEIM	Judith	Impact of AhR ligands on thymic epithelial cell differentiation and function	P183
MOHR	Audrey	Tissue Infiltrating LTi - like group 3 Innate lymphoid cells and Tfh cells in graves' and Hashimoto's thyroiditis	P184
MORILLE	Jérémy	Exploring T cell - B cell collaboration in multiple Sclerosis through B cell differentiation analysis	P185
PAYET	Cloé	Study of interferon type I signature in autoimmune Myasthenia gravis	P186
RENAND	Amédée	Single-cell analysis of self-antigen-specific CD4 T cells reveals an atypical helper signature in autoimmune hepatitis	P187
RODRIGUEZ	Stéphane	Modulation of circulating T and B cell subsets after Adalimumab introduction in crohn's disease: preliminary results of the PRemIcI cohort	P188
ROULEAU	Matthieu	Contribution of PD-L1 expression to the energy metabolism of mesenchymal stromal cells	P189
SALOMON	Benoit	Regulatory T cells control central nervous system autoimmunity through the TNF/TNFR2 pathway	P190
SAOUDI	Abdelhadi	Investigation of the mechanisms by which the multiple Sclerosis associated genetic variant CD226 Gly307Ser Influences T cell functions	P191
VILLÉGAS	José	Beneficial effects of blocking the IL-23/Th17 pathway in a humanized preclinical mg model	P192
YAHIA	Hanane	NFAT primes the human RoRc locus for ROR γ t expression in CD4+ T cells	P193

Host-Pathogen interactions

Last name	First name	Title of poster	# poster
MAQUET	Céline	Ly6C ^{hi} monocytes are key orchestrators of gammaherpesvirus lifecycle	O45-P194
MIONNET	Cyrille	Pertussis Toxin is critical to generate tissue memory T cell population in the lungs of B. pertussis infected mice	O46-P195
SI-TAHAR	Mustapha	Towards an immunometabolic anti-influenza therapy	O47-P196

ARIBI	Mourad	Ascorbate effects on the expression of soluble adhesion molecules and cytokines during <i>S. aureus</i> -HUVEC interaction	P197
CANDON	Sophie	Chronic disseminated candidiasis: an immune reconstitution inflammatory syndrome (IRIS) associated with an expansion of Candida-specific IFN γ -producing T cells	P198
CARNOY	Christophe	Therapeutic synergy between antibiotics and the TIR5 agonist to treat antibiotic-resistant pneumonia	P199
CHAUVEAU	Gaelle	Subretinal injection of AAV8vector induces dose-dependent retinal alteration and systemic anti-transgene T-cell response similarly in murine model	P200
DÉCHANET-MERVILLE	Julie	CMV-reactive $\gamma\delta$ T cells: shared and distinctive features of V γ 9 ^{neg} V δ 2 ^{pos} and V δ 2 ^{neg} T cells	P201
DELNESTE	Yves	IL-26, a novel antiviral molecule inhibiting HcV replication	P202
ESPINO présenté par Julie TABIASCO	Ana	Interplay between Zika Virus and Decidual Natural killer cells at the human maternal-fetal interface	P203
FALL	Cheikh Daouda	Prognostic value of IgG-anti-MSP levels of <i>Plasmodium falciparum</i> : variability following the recruitment period	P204
HALARY	Franck	Human CD1C+ dendritic cells are refractory to Bk polyomavirus but transmit it to human primary renal tubular epithelial cells and protect it from neutralization	P205
HOSMALIN	Anne	Controls from the same geographical area reveal surprising results in myeloid cell counts during HIV-2 infection	P206
MACHIELS	Bénédicte	A gammaherpesvirus licenses CD8+ T cells to protect the host from pneumovirus-induced immuno-pathologies	P207
MBENGUE	Babacar	Expression of α 4 β 7 and PD-1 on T cells stimulated by schistosomiasis antigens	P208
MISSÉ	Dorothee	Zika virus differentially infects human neural progenitor cells and dysregulates neurogenesis through the Notch pathway	P209
MORENO-SABATER	Alicia	Systemic humoral immunity in healthy donors is related to gut mycobiota ecology	P210
MUELLER	Christopher	Host immune evasion by the <i>Pseudomonas aeruginosa</i> virulence factor IecB	P211
PICCIN	Mariela	Impact of HIV infection on priming of antigen specific CD8+ T-cell responses	P212
WHITE	Eoghann	Less senescent HIV-1 specific CD8 T cells after 30 years of treated infection	P213
XICLUNA	Rebecca	Anti-AAV viral pre-existing cellular immune response in humans is mediated by T _{emRA} T cells	P214

Medical Immunology: new therapeutic targets in immune-mediated inflammatory diseases

Last name	First name	Title of poster	# poster
AMÉ	Patricia	Low frequency of circulating T follicular helper 1 cells is associated with adequate response to Adalimumab therapy in rheumatoid arthritis	P215
BOURDENET	Gwladys	Monitoring Infliximab and anti-Infliximab antibodies in Inflammatory Bowel Diseases: The interest of Point-of-care immuno-assays?	P216
CLAVARINO	Giovanna	Protein phosphatase 1 subunit Ppp1r15a/GADD34 is overexpressed in B cells and monocytes of patients with systemic lupus erythematosus	P217
KOLOPP SARDA	Marie Nathalie	Cryoglobulins: immunological characteristics and distribution in a cohort of 1675 patients over 6 years	P218

Systems Immunology

Last name	First name	Title of poster	# poster
GREGORI	Emilie	A robust human immunophenotyping workflow using cyToF technology coupled with maxpar Pathsetter, an automated data analysis software	P219
KOTURAN	Surya	Exploring the function of genes associated to chronic inflammatory diseases	P220
TIRA	Mariem	Role of Fc γ RIIA R131H and FCGR2B NA1/NA2 polymorphisms in response to TNF inhibitors treatment in RA patients	P221