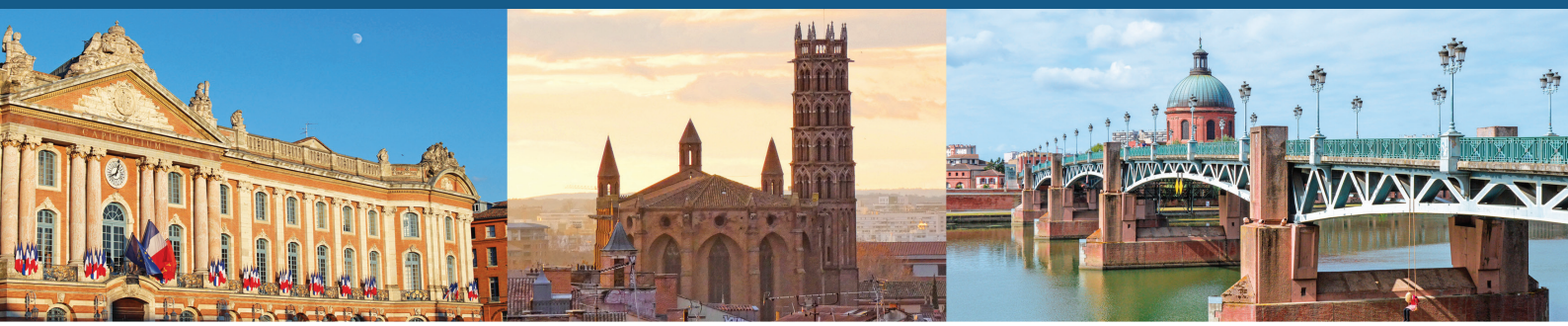
57TH ANNUAL MEETING of the **French Society for Immunology**



JOINT CONFERENCE of the FRENCH & PORTUGUESE SOCIETIES FOR IMMUNOLOGY

Centre de Congrès Pierre Baudis

TOULOUSE FRANCE

4>6 NOVEMBER 2026

La Région Occitanie Pyrénées - Méditerranée

PROGRAM BOOK

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57TH ANNUAL MEETING of the French Society for Immunology

Société Française d'Immunologie

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4>6 NOVEMBER 2026

WELCOME TO SFI-SPI 2026

The city of Toulouse and the Occitania Region are pleased to host, for the first time, the Joint Annual Meeting of the French Society for Immunology and the Portuguese Society for Immunology. This event will take place on **November 4-6, 2026**, at the **Centre de Congrès Pierre Baudis**, located in downtown **Toulouse, France**.

This year's meeting will notably feature:

Two distinguished keynote speakers:

- **Professor Shimon SAKAGUCHI**, recipient of the 2025 Nobel Prize in Physiology or Medicine (shared with Mary Brunkow and Fred Ramsdell), Professor at Osaka University, Japan;
- **Dr. Pamela SCHWARTZBERG**, Senior Investigator at the National Institute of Allergy and Infectious Diseases (NIAID), NIH, USA;

A plenary session dedicated to Young Immunologists and a parallel session focused on career development, highlighting our commitment to early-career researchers.

The meeting will present recent advancements in fundamental, applied, and medical immunology through plenary and parallel sessions, as well as workshops organized by some of the scientific clubs of the French Society for Immunology and the Fédération d'Immunologie Médicale.

Additionally, several prizes will be awarded for the best oral and poster presentations at the end of the meeting.

The conference welcomes a diverse community from across the immunology field, including students, researchers, engineers, technicians, academic faculty, clinicians, and industry professionals in healthcare or biotechnology.

This conference aims to serve as a dynamic platform for scientific exchanges, promoting fundamental immunology, clinical research and therapeutic development, and facilitating many new collaborations.

The SFI-SPI Organizing and Scientific Committees look forward to welcoming you in Toulouse for what promises to be an exciting scientific event!

On behalf of the Organizing and Scientific Committees - SFI-SPI Toulouse 2026



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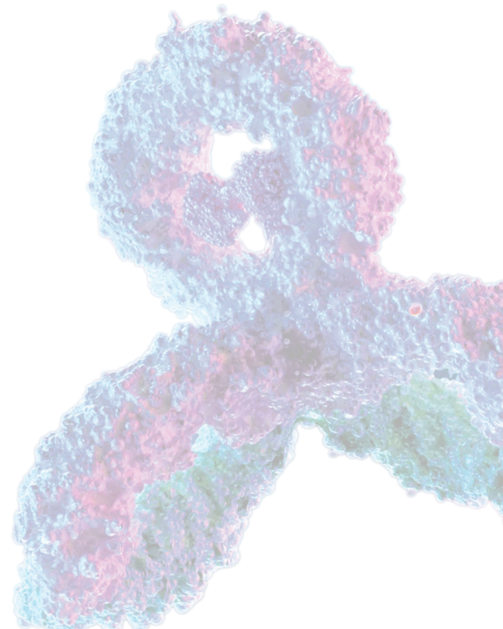
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WEDNESDAY 4 NOVEMBER

08:00-09:15 **Meeting registration** *Foyer & Concorde 1&2 - Level -1*

PLENARY SESSIONS

09:15-09:30 **Welcome Introduction** *Audit. Saint-Exupéry - Level 2*

- **Emmanuelle JOUANGUY** - *SFI President*
- **Bruno SILVA-SANTOS** - *SPI President*

09:30-10:15 **Keynote Lecture** *Audit. Saint-Exupéry - Level 2*

Chairs: Roland LIBLAU (Toulouse, France) & **Luis GRACA** (Lisbon, Portugal)

- **Shimon SAKAGUCHI** *(WPI Immunology Frontier Research Center, The University of Osaka, Osaka, Japan)*
  Regulatory T cells and immune tolerance: therapeutic re-establishment of immune self-tolerance in autoimmune disease by targeting Treg cells

10:15-11:45 **SESSION 1 - NeuroImmunology** *Audit. Saint-Exupéry - Level 2*

Chairs: Julie RIBOT (Lisbon, Portugal) & **Anne ASTIER** (Toulouse, France)

- **Nicolas GAUDENZIO** *(Infinity - Toulouse Institute for Infectious and Inflammatory Diseases, University of Toulouse, Inserm, CNRS, Toulouse, France)*
  Fetal-maternal interface, neuroimmune circuits and chronic inflammation
- **Rejane RUA** *(Center for Immunology of Marseille-Luminy (CIML), Marseille, France)*
  Brain border myeloid cells: more than immune sentinels?

Short oral presentations

- **P1-01 - Lena BOURHY** *(Development and Homeostasis of the Nervous System, The Francis Crick Institute, London, UK)*
  Neural pathways mediating the gut-lung axis
- **P1-02 - Nouha SOUFI** *(IPMC, CNRS, Valbonne, Provence-Alpes-Cote d'Azur, France)*
  Splenic nerve stimulation protects against murine experimental autoimmune encephalomyelitis via B cell beta2-adrenergic licensing of Tregs
- **P1-03 - Julien NOVARINO** *(CIMI-PARIS, Paris, France)*
  Cancer-related pain is masked by enkephalins-producing regulatory T cells in mice

11:45-12:00 **Industry Symposia** *Audit. Saint-Exupéry - Level 2*

Chairs: Marc VOCANSON (Lyon, France) & **Fatima-Ezzahra L'FAQIHI-OLIVE** (Toulouse, France)

- **BD Biosciences**
  Seeing Beyond the Spectrum: Exploring biological dimensions through spectral imaging cytometry
  Laurence DELBOS & **Juliette DESFRANÇOIS** *(Cytocell, Nantes, France)*

12:00-12:36 **Industry Talks** *Audit. Saint-Exupéry - Level 2*

Chairs: Marc VOCANSON (Lyon, France) & **Fatima-Ezzahra L'FAQIHI-OLIVE** (Toulouse, France)

- **Cytek Biosciences**
  A New Horizon: Welcome to the Borealis
  Fabien PITOISET *(PhD, Field Applications Specialist, Cytek Biosciences, Amsterdam, Netherlands)*
- **Meso Scale Discovery** (12-min presentation)
  Pushing the Boundaries of Biomarker Quantification: High Sensitivity, Multiplexing and Matrix Flexibility
  Renaud COLISSON *(Field Application Scientist, Meso Scale Discovery, Rockville, United States)*
- **Pixelgen Technologies**
  Immune Cell Surface Protein Architecture in Health and Disease
  Peter DJALI *(Business Development Manager, Pixelgen Technologies, Stockholm, Sweden)*
- **StemCell Technologies**
  Automated Tissue Dissociation with STEMprep™
  Christine BARR *(STEMCELL Technologies, Saint-Egrève, France)*

... /...

- **Alamar Biosciences**
  NULISA: An Ultrasensitive, Multiplex Immune Panel for Profiling Inflammatory and Autoimmune Disease Biomarkers
  Véronique BERCHET *(Alamar Biosciences, Segrate, Italy)*

12:36-14:15 **Lunch - Coffee - Visit of exhibition & Posters** *Foyer & Concorde 1&2 - Level -1*

PARALLEL SESSIONS

14:15-15:45 **PS1 - Macrophages and dendritic cells** *Audit. Saint-Exupéry - Level 2*

Chairs: Sandrine HENRI (Tours, France) & **Nathalie BENDRISS-VERMARE** (Lyon, France)

- **Florent GINHOUX** *(Institut Gustave-Roussy, Villejuif, France)*
- **Ana-Maria LENNON-DUMENIL** *(Institut Curie, PSL Research University, INSERM U932, Paris, France)*
  Crypt Engulfment as a Novel Antigen Sampling Mechanism in the Colon

Short oral presentations

- **PS1-01 - Clara TAFFONI** *(IRMB, INSERM U1183, Montpellier, France)*
  VSIG4 licenses resident synovial macrophages to restrain inflammatory arthritis
- **PS1-02 - Donia SAIB** *(CRCL, INSERM, Lyon, France)*
  Macrophage NOTCH1 signaling in pancreatic cancer: immune and stromal remodeling
- **PS1-03 - Sahar SEYED HASSAN TEHRANI** *(Immunoregulation Lab, Champalimaud Foundation, Champalimaud Centre for the Unknown, Lisbon, Portugal)*
  Infection-specific regulation of cDC2 poiesis shapes dendritic cell subset responses

14:15-15:45 **PS2 - Inborn errors in immunity** *Ariane 1 - Level 1*

Chairs: Charline MIOT (Angers, France) & **Emmanuel MARTIN** (Paris, France)

- **Paula VIDEIRA** *(UCIBIO - NOVA School of Science and Technology, Universidade NOVA de Lisboa, Caparica, Portugal)*
  GlycoImmune pathways as determinants of immune variability and disease susceptibility
- **Sylvain LATOUR** *(Inserm - Institut Imagine, Paris, France)*
  Inborn errors of immunity predisposing to severe Epstein Barr infection diseases

Short oral presentations

- **PS2-01 - Dimitra BOZOGLOU** *(INFINITy-INSERM, Toulouse, France)*
  Architecture of actin networks at the T-cell synapse: impact of genetic variants in ACTB and ACTG1
- **PS2-02 - Nhat Duong HO** *(Immunogenetics of Pediatric Autoimmune Diseases, Institute Imagine, Paris, France)*
  Paradoxical Type I Interferon Activation in RELA Haploinsufficiency

14:15-15:45 **PS3 - Vaccinology** *Guillaumet 1+2 - Level 2*

Chairs: Anne-Sophie BEIGNON (Paris, France) & **Stéphane PAUL** (Saint Etienne, France)

- **Laurent REBER** *(Infinity -Toulouse Institute for Infectious and Inflammatory Diseases, University of Toulouse, Inserm, CNRS, Toulouse, France)*
  Development of therapeutic vaccines for the treatment of allergic diseases
- **Laurence ZITVOGEL** *(Institut Gustave-Roussy, Villejuif, France)*

Short oral presentations

- **PS3-01 - Fadel SAYES** *(Unité de Pathogénomique Mycobactérienne Intégrée, Département de Microbiologie, Institut Pasteur, Paris, France)*
  Improved Immune Responses and Tuberculosis Protection by Aerosol Vaccination with rBCG expressing ESX-1 from Mycobacterium marinum
- **PS3-02 - Charlotte HATEB** *(Université Toulouse, INFINITy, Inserm UMR1291, Toulouse, France)*
  Development of an mRNA vaccine encoding the major allergen Bet v 1 to treat birch pollen allergy
- **PS3-03 - Jean-Michel SALLENAVE** *(Immune signaling in cancer and infection, INSERM U1149, Centre for Inflammation Research, Paris, France)*
  A novel cystic fibrosis-mimetic Pseudomonas auxotrophic vaccine is protective *in vivo* and is associated with Th17 and IgA mucosal immunity

14:15-15:45 **CPS4 - Immunometabolism and its implications for practical medicine** — *Cassiopée - Level 1*

Clinical session

Chairs: Guislaine CARCELAIN (Paris, France) & **Olivier TOUTIRAIS** (Caen, France)

- **Antoine MARÇAIS** *(CIRI, Centre International de Recherche en Infectiologie, Université Claude Bernard Lyon 1, Inserm, CNRS, ENS de Lyon, Lyon, France)*
  Metabolic sensors in NK cells: can we move from basic discoveries to clinical applications?
- **Mireille LAFORGE** *(Université Paris Cité, NeuroDiderot, Inserm, Paris, France)*
  Immunometabolism, from diagnosis to treatment: Applications to long COVID and autism spectrum disorders

PARALLEL SESSIONS

15:45-17:15 **PS5 - ILC / NK** — *Guillaumet 1+2 - Level 2*

Chair: Emilie NARNI (Marseille, France)

- **Sébastien VIEL** *(Centre International de Recherche en Infectiologie, Lyon, France)*
  The TGF-β paradox in NK cells: from immune suppression to context-dependent functional reprogramming
- **Sonja TUGUES** *(Innate Lymphoid Cells and Cancer, Institute of Experimental Immunology, Univ. of Zurich, Zurich, Switzerland)*
  Resident lymphocytes preserve functional integrity of the lactating mammary niche

Short oral presentations

- **PS5-01 - Nathalie BENDRISS-VERMARE** *(CISTAR team, Cancer Research Center of Lyon, Lyon, France)*
  A Polyfunctional IL-33-Responsive ST2⁺NK Cell State Promotes Antitumor Immunity and Response to Immunotherapy
- **PS5-02 - Juan SIENES BAILO** *(Immunoregulation Unit, Department of Immunology, Institut Pasteur, Université Paris Cité, Paris, France)*
  IL-23 drives a pro-inflammatory state in human group 3 innate lymphoid cells (ILC3)
- **PS5-03 - Mariana CARREIRA** *(Gulbenkian Institute for Molecular Medicine (GIMM), Lisbon, Portugal)*
  CXCR3 signaling promotes Delta One T cell recruitment and antitumor efficacy in colorectal cancer

15:45-17:15 **PS6 - Immunometabolism** — *Cassiopée - Level 1*

Chairs: Anne DEJEAN (Toulouse, France) & **Ricardo SILVESTRE** (Braga, Portugal)

- **Ricardo SILVESTRE** *(Life and Health Sciences Research Institute (ICVS), Braga, Portugal)*
  Macrophage immunometabolism: shaping pathogen persistence and host protection
- **Anne DEJEAN** *(Infinity -Toulouse Institute for Infectious and Inflammatory Diseases, University of Toulouse, Inserm, CNRS, Toulouse, France)*
  Eomes drives an exhausted T helper cell lineage essential for tumor control and response to immunotherapy

Short oral presentations

- **PS6-01 - Loane JOLY** *(Laboratoire de Biologie et Modélisation de la Cellule, INSERM, CNRS, ENS-Lyon, Lyon, France)*
  Mitochondrial translation is a critical regulator of CD8 T-cell homeostasis and effector responses
- **PS6-02 - Nicolas SOCQUET-JUGLARD** *(INSERM, INFINITy, Toulouse, France; 2 CNRS, IGMM, Montpellier, France)*
  CD8 T cells adjust actin remodeling to nutrient availability during migration and synapse assembly
- **PS6-03 - Diogo ESTÊVÃO** *(Tumour and Microenvironment Interactions Group, Cancer Department, i3S-Institute for Research & Innovation in Health, Porto, Portugal)*
  Lipid Droplets Shield Rectal Cancer from Radiotherapy-Induced Cell Death: A Metabolic–Immune Axis of Resistance

15:45-17:15 **PS7 - T and B cell development and signaling** — *Audit. Saint-Exupéry - Level 2*

Chairs: Marion ESPELI (Paris, France) & **Bruno SILVA-SANTOS** (Lisbon, Portugal)

- **Nuno ALVES** *(i3S - University of Porto, Porto, Portugal)*
  Keeping the Thymus Young: ZFP36 RNA-Binding Proteins Sustain Thymic Epithelial Cell Function to Prevent Thymic Involution and Maintain Tolerance
- **Claire LEIBLER** *(Université de Bordeaux, CNRS, ImmunoConcEpT, Bordeaux, France)*
  B Cell Regulation through Nucleic Acid Sensing TLRs

Short oral presentations

- **PS7-01 - Dunja CAPITÁN SOBRINO** *(INFINITy, INSERM U1291, Toulouse, France)*
  HuR sustains immunoregulatory B-cell responses to limit neuroinflammation

... /...

- **PS7-02 - Guilhèn PRUNIER** *(INFINITy, INSERM, Toulouse, France)*
  ICOS, CD226 and CD2 engage non-redundant synapse remodeling programs to optimize CD8+ T cell cytotoxic activity
- **PS7-03 - Ruben PINHEIRO** *(GIMM, Lisboa, Portugal)*
  N-glycosylation controls the thymic development of perinatal gd17 T-cells by dampening TCRgd signal strength

17:15-18:00 **Coffee break - Visit of exhibition & Posters** — *Foyer & Concorde 1&2 - Level -1*

PARALLEL SESSIONS

18:00-19:30 **PS8 - Ageing** — *Guillaumet 1+2 - Level 2*

Chairs: Nuno ALVES (Porto, Portugal) & **Victorine DOUIN** (Toulouse, France)

- **François TROTTEIN** *(Institut Pasteur, Lille, France)*
  Aging and respiratory infections: cellular senescence, gut dysbiosis, and beyond
- **Almudena RAMIRO** *(CNIC - Spanish National Center for Cardiovascular Research, Madrid, Spain)*
  Understanding the origin of autoreactive antbodies in atherosclerosis

Short oral presentations

- **PS8-01 - David CUNE** *(Service of Immunology and Allergy, Lausanne University Hospital, Lausanne, Switzerland)*
  Autophagy loss in dendritic cells drives inflammatory reprogramming and CD4⁺ T-cell dysregulation during aging
- **PS8-02 - João CARDEIRA DA SILVA** *(RESTORE Institute, Toulouse, France)*
  T-cell programs shaping post-injury outcomes in the zebrafish heart
- **PS8-03 - Inês FARIA** *(Instituto de Investigação e Inovação em Saúde (i3S), Porto, Portugal)*
  Chronic exposure to interleukin-10 drives inflammaging and accelerated tissue senescence

18:00-19:30 **PS9 - Young SPI / SFI** — *Cassiopée - Level 1*

Chairs: Fanny HIDALGO VILLEDA (Marseille, France), **Maria LTEIF** (Paris, France), **Catarina RODRIGUES** (Porto, Portugal) & **Rita SILVA-GOMES** (Lisbon, Portugal)

- **Carlos MINUTTI** *(Champalimaud Foundation, Lisbon, Portugal)*
  The Academic Path: The Bad, the Good, and the Pretty

18:00-19:30 **PS10 - Autoimmunity and inflammatory diseases** — *Audit. Saint-Exupéry - Level 2*

Chairs: Anne ASTIER (Toulouse, France) & **Nicolas FAZILLEAU** (Toulouse, France)

- **Thomas KORN** *(Institute for Experimental Neuroimmunology, Technical University of Munich School of Medicine, Munich, Germany)*
  Compartmentalized regulation of CNS autoimmunity
- **Daniela LATORRE** *(Division of Neuroscience, IRCCS San Raffaele Hospital, Milan, Italy)*
  Autoreactive T Cells in inflammatory peripheral neuropathies

Short oral presentations

- **PS10-01 - Inês ALVES** *(Immunology, Cancer and Glycomedicine, i3S - Instituto de Investigação e Inovação Saude, Porto, Portugal)*
  Glycan mimicry as a key mechanism in the loss of self-tolerance: deciphering novel anti-glycan autoantibodies in lupus
- **PS10-02 - Angélina MIMOUN** *(Infinity U1291, INSERM, Toulouse, France)*
  Eomes Reprograms FoxP3⁺ Regulatory T Cells toward a Cytotoxic and Pro-inflammatory State
- **PS10-03 - Yves-Marie MAGAT** *(UMR7355, CNRS, Orléans, France)*
  NLRP6 promotes inflammation and regulated cell death through activation of the caspase-3/gasdermin E pathway in bleomycin-induced pulmonary fibrosis

19:30 **POSTER SESSION 1 - odd-numbered** — *Foyer & Concorde 1&2 - Level -1*

19:30 **Wine & Cheese** — *Foyer & Concorde 1&2 - Level -1*

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THURSDAY 5 NOVEMBER

PARALLEL SESSIONS

08:30-10:00 — **PS11 - Innate T cells** — *Ariane 1 - Level 1*

Chairs: Maria LEITE DE MORAES (Paris, France) & **Julie DÉCHANET-MERVILLE** (Bordeaux, France)

- **Graham OGG** *(University of Oxford, Oxford, United Kingdom)*
  CD1a-reactive T cells and lipid antigens in inflammatory skin diseases: discovery and translation
- **Agnès LEHUEN** *(Institut Cochin, INSERM U1016, UMR 8104, Paris, France)*
  MAIT cells in autoimmune and infectious diseases

Short oral presentations

- **PS11-01 - Youenn JOUAN** *(INSERM U1100, Université de Tours, Tours, Indre et Loire, France)*
  MAIT cells promote lung resilience during severe viral pneumonia by maintaining myeloid balance
- **PS11-02 - Camille KERGARAVAT** *(Saint Louis Research Institute, Paris, France)*
  Developmental waves and genetic regulation of the Human γδ T-cell repertoire
- **PS11-03 - Juan SIENES BAILO** *(Immunoregulation Unit, Dpt of Immunology, Institut Pasteur, Univ. Paris Cité, Paris, France)*
  IL-23 regulates the non-canonical NF-kB pathway in human invariant Natural Killer T (iNKT) cells

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08:30-10:00 — **PS12 - Women's health/sex bias in immunity** — *Guillaumet 1+2 - Level 2*

Chairs: Ricardo SILVESTRE (Braga, Portugal) & **Anne ASTIER** (Toulouse, France)

- **Nils LANDEGREN** *(Uppsala University, Sweden)*
  Understanding sex differences in human immunity through gender-affirming hormone therapy
- **Sophie LAFFONT-PRADINES** *(Infinity -Toulouse Institute for Infectious and Inflammatory Diseases, University of Toulouse, Inserm, CNRS, Toulouse, France)*
  Hormonal regulation of ILC: consequences on lung immunity

Short oral presentations

- **PS12-01 - Léa FERRAYÉ** *(Toulouse Institute for Infectious and Inflammatory Diseases, Toulouse, France)*
  Tlr7 bi-allelism shapes pathogenic female B cell responses in lupus
- **PS12-02 - Aymeline DEBONLIER** *(INFINITy, Toulouse, France)*
  PI3K/AKT signaling controls sex bias in Tr1 cells and their response to vitamin D
- **PS12-03 - Hélène VANTOMME** *(i3 laboratory, Sorbonne University, Paris, France)*
  Sex-associated differences in human thymic TCR selection

08:30-10:00 — **PS13 - T and B cell memory** — *Audit. Saint-Exupéry - Level 2*

Chairs: Marion ESPELI (Paris, France) & **Klaas VAN GISBERGEN** (Lisbon, Portugal)

- **Klaas VAN GISBERGEN** *(Champalimaud Foundation, Lisbon, Portugal)*
  T cell diversification in infection and cancer
- **Christina ZIELINSKI** *(University of Cambridge, United Kingdom)*
  TGF-β restricts GSDME-mediated IL-1α Release by Th17 cells to license them for enhanced pathogenicity

Short oral presentations

- **PS13-01 - Maria KERIDON** *(Physiology and Cancer Department, Champalimaud Foundation, Lisbon, Portugal)*
  Clearance of tumor antigen governs the differentiation of bona fide CD8+ tissue-resident memory T cells
- **PS13-02 - Marc VOCANSON** *(Team EIA, Centre International de Recherche en Infectiologie, Lyon, France)*
  Progressive remodeling of pathogenic skin resident memory T cell subsets shapes long-term allergic memory
- **PS13-03 - Andrea PICHLER** *(INFINITY, Toulouse, Midi-Pyrénées, France)*
  PI3Kd promotes T cell effector differentiation during chronic infection

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08:30-10:00 — **CPS14 - CAR-T cells in autoimmune diseases** — *Cassiopée - Level 1*

Clinical session

FEDERATION IMMUNOLOGIE MEDICALE — sanofi

Chairs: Roland LIBLAU (Toulouse, France) **& Jean-Daniel LELIEVRE** (Créteil, France)

- **Maxime TEISSEYRE** *(Université Côte d'Azur, CNRS, INSERM, IRCAN, Nice, France)*
  CAR-T cell therapy for refractory autoimmune diseases

... /...

- **Maurine JOURET** *(Pediatric Nephrology, Rheumatology, Dermatology Unit, Hospices Civils de Lyon, Lyon, France)*
  CAR-T cell therapy for juvenile-onset autoimmune diseases: a promising future?

10:00-10:45 — **Coffee break - Visit of exhibition & Posters** — *Foyer & Concorde 1&2 - Level -1*

PLENARY SESSIONS

10:45-12:15 — **SESSION 2 - Host-pathogen interactions** — *Audit. Saint-Exupéry - Level 2*

Chairs: Ricardo SILVESTRE (Braga, Portugal) & **Emmanuelle JOUANGUY** (Paris, France)

- **Judi ALLEN** *(Wellcome Centre for Cell-Matrix Research, Lydia Becker Institute for Immunology & Infection, University of Manchester, Manchester, United Kingdom)*
  Immune regulation of the extracellular matrix: at the crossroads of host protection and pathology
- **Etienne MEUNIER** *(Institut de Pharmacologie et de Biologie Structurale, IPBS, Univ. de Toulouse, CNRS, UPS, Toulouse, France)*
  The NLRP1 inflammasome: Scanning the borders

Short oral presentations

- **P2-01 - Vasco RODRIGUES** *(INSERM U932, Institut Curie, Paris, Île-de-France, France)*
  Constitutive macropinocytosis is coupled with reduced rates of protein synthesis to confer intrinsic protection against viral replication in macrophages
- **P2-02 - Léa FROMONT** *(IPBS, Toulouse, France)*
  LiveLung-TB: Intravital imaging reveals CD4⁺ T-cell dynamics during pulmonary Mycobacterium tuberculosis infection
- **P2-03 - Rute Daniela MATOS GONÇALVES** *(i3s - Instituto de Investigação e Inovação em Saúde, Porto, Portugal)*
  Mycobacterium tuberculosis isolates modulate levels of protective IL-1β *in vivo* accounting for disease severity

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12:15-12:30 — **Industry Symposium** — *Audit. Saint-Exupéry - Level 2*

Chairs: Nicolas FAZILLEAU (Toulouse, France) & **Emmanuelle JOUANGUY** (Paris, France)

- **Sony**
  Clone War: Performance and Interoperability of Two ID7000 Spectral Flow Cytometers
  Hugo GARNIER *(Ingénieur d'Études, Plateau Technique de Cytométrie et Tri Cellulaire, Institut Toulousain des Maladies Infectieuses et Inflammatoires (Infinity), Toulouse, France)*

12:30-12:42 — **Industry Talks** — *Audit. Saint-Exupéry - Level 2*

Chairs: Nicolas FAZILLEAU (Toulouse, France) & **Emmanuelle JOUANGUY** (Paris, France)

- **CeGaT**
  Connecting the Pieces of the Immune Response: From T-cell repertoires to cells, tissues and proteins
  Lara EL BAZZAL *(CeGaT, Tuebingen, Germany)*
- **Agilent Technologies**
  Complementary technologies for your fundamental, applied and medical research in immunology/immuno-therapy/immuno-oncology
  Jerome DARAKDJIAN *(Agilent Technologies, Les Ulis, France)*

12:42-14:15 — **Lunch - Coffee - Visit of exhibition & Posters** — *Foyer & Concorde 1&2 - Level -1*

13:30-14:15 — **POSTER SESSION 2 - even-numbered** — *Foyer & Concorde 1&2 - Level -1*

PARALLEL SESSIONS

14:15-15:45 — **PS15 - Neutrophils** — *Guillaumet 1+2 - Level 2*

Chairs: Véronique WITKO (Paris, France) & **Patrice DECKER** (Paris, France)

- **Triantafyllos CHAVAKIS** *(Institute for Clinical Chemistry and Laboratory Medicine, University Hospital and Faculty of Medicine, Dresden, Germany)*
  Trained granulopoiesis in cancer
- **Audrey BERNUT** *(Laboratory of Pathogens and Host Immunity, Université de Montpellier, CNRS, INSERM, Montpellier, France)*
  Making waves: rebalancing neutrophil responses in cystic fibrosis. From inflammation to resolution using zebrafish

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Short oral presentations

- **PS15-01 - Camille DANNE** *(UMRS938, Paris, France)*
  The microbiota-derived metabolite Metab1 prevents neutrophil activation by inducing metabolic quiescence
- **PS15-02 - Patrice DECKER** *(University Sorbonne Paris Nord, Bobigny, France)*
  NETs from rheumatoid arthritis patients trigger a pro-inflammatory response in monocytes through metabolic mechanisms and modulate macrophage differentiation
- **PS15-03 - Aya CHAMAA** *(T-RAIG, TIMC, La Tronche, France)*
  Role of neutrophils in Chlamydia driven Reactive arthritis in the SKG mouse

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14:15-15:45 **PS16 - Gene and cell therapy** — *Audit. Saint-Exupéry - Level 2*

Chairs: Makoto MIYARA (Paris, France) & **Jacques NUNES** (Marseille, France)

- **Makoto MIYARA** *(Immunology Department, INSERM, Centre d'Immunologie et des Maladies Infectieuses (CIMI), AP-HP, Sorbonne Université, Hôpital Pitié-Salpêtrière, Paris, France)*
  Human Treg cell therapies for transplantation
- **Alena GROS** *(Vall d'Hebron Institute of Oncology (VHIO), Tumor Immunology & Immunotherapy Group, Barcelona, Spain)*
  Personalized T-cell therapies for solid cancers

Short oral presentations

- **PS16-01 - Sofia MENSURADO** *(Gulbenkian Institute for Molecular Medicine, Lisbon, Portugal)*
  Allogeneic CARγδT-cells recognize CD33 and PVR to target Acute Myeloid Leukemia and suppress tumor progression
- **PS16-02 - Mariana GADELHO GONÇALVES** *(Immune Cell Reprogramming Lab., Centre for Neuroscience and Cell Biology, University of Coimbra, Coimbra, Portugal)*
  A 'Sense-and-Reprogram' Platform for Systemic Cancer Immunotherapy
- **PS16-03 - Annemarie FORTUIN** *(Team 3 - Institute for Regenerative Medicine and Biotherapy, Montpellier, France)*
  Engineering Regulatory T Cells For Rheumatoid Arthritis: Development and Evaluation of CAR Constructs

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14:15-15:45 **PS17 - Germinal Center** — *Cassiopée - Level 1*

Chairs: Amélie BONAUD (Limoges, France) & **Frédéric MOURCIN** (Rennes, France)

- **Mauro GAYA** *(Center for Immunology of Marseille-Luminy (CIML), Marseille, France)*
  The lung stroma sustains a plasma cell niche for long-term mucosal protection against infection
- **Carole LE COZ** *(Infinity, Toulouse, France)*
  T Follicular Regulatory Cell Homeostasis at the Crossroads of Germinal Center Dysfunction

Short oral presentations

- **PS17-01 - Raphaël JEGER-MADIOT** *(INSERM U1151/CNRS UMR 8253, Université Paris Cité, Institut Necker Enfants Malades, Paris, France)*
  Modeling memory B cell responses in spleen-derived immune organoids
- **PS17-02 - Maya POLKOTYCKI** *(INFINITY U1291 INSERM, Toulouse, France)*
  Type 3 inflammation shapes the Follicular Regulatory T cells (Tfr) into a Tfr17 polarized subset
- **PS17-03 - Audrey AKESSE** *(Control of the immune response B and lymphoproliferation, CNRS UMR 7276, INSERM, University of Limoges, Limoges, France)*
  Plasma cell heterogeneity is imprinted by the type of immune challenge

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14:15-15:45 **CPS18 - Xenotransplantation** — *Ariane 1 - Level 1*

Clinical session

Chairs: Alice KOENIG (Lyon, France) & **Julien ZUBER** (Paris, France)

- **Olivier THAUNAT** *(CIRI, INSERM, Université Claude Bernard Lyon I, CNRS, École Normale Supérieure de Lyon, Université de Lyon, Lyon, France)*
  Breaking Barriers Across Species: The Immunopathological Frontiers of Xenotransplantation
- **Aurélie SANNIER** *(Hôpital Bichat - Claude-Bernard, Paris, France)*
  Lessons from the First Human Xenotransplants

15:45-16:30 **Coffee break - Visit of exhibition & Posters** — *Foyer & Concorde 1&2 - Level -1*

PARALLEL SESSIONS

16:30-18:00 **PS19 - Mast cells / Basophils** — *Guillaumet 1+2 - Level 2*

Chairs: Gaël MÉNASCHÉ (Paris, France) & **Nicolas CHARLES** (Paris, France)

- **Sebastien TALBOT** *(Department of Physiology and Pharmacology, Karolinska Institutet, Stockholm, Sweden)*
  Nociceptor neurons control inflammation
- **Clare LLOYD** *(National Heart and Lung Institute, Imperial College London, London, United Kingdom)*
  It's all about the neighbourhood: regulation of immunity in the allergic lung

Short oral presentations

- **PS19-01 - Céline EL SAMROUT** *(Infinity, INSERM, Toulouse, France; 2 IRSD, INSERM, Toulouse, France)*
  Non-immune function of myenteric mast cells in supporting neuronal plexus homeostasis
- **PS19-02 - Geoffrey CHEMINET** *(Hematology Laboratory, Imagine Institute for Genetic Diseases - U1163 INSERM, Paris, France)*
  Role of mast cells in bone vaso-occlusive crisis and pain of sickle cell disease
- **PS19-03 - Zohra BENMESSAOUD** *(INSERM UMR1291 – CNRS UMR5051 - University Toulouse III, Infinity, Toulouse, France)*
  A new mouse model expressing human IgE and its receptors FcεRI and CD23 predicts a superiority for ligelizumab over omalizumab in anaphylaxis

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16:30-18:00 **PS20 - Mucosal immunology** — *Cassiopée - Level 1*

Chairs: Klaas VAN GISBERGEN (Lisbon, Portugal) & **Olivier NEYROLLES** (Toulouse, France)

- **Nicole JOLLER** *(Department of Quantitative Biomedicine, University of Zurich, Zurich, Switzerland)*
  Fungal infections imprint the Th17 pool by establishing a distinct memory Th17 population
- **Andreas DIEFENBACH** *(Laboratory of Innate Immunity, Institute of Microbiology, Infectious Diseases and Immunology (I-MIDI), Berlin, Germany)*

Short oral presentations

- **PS20-01 - Margaux PARADIS** *(IPBS - CNRS, Toulouse, France)*
  A TAK1-Driven NLRP1 Inflammasome Pathway Revealed by Phosphatase Targeting Environmental Toxins
- **PS20-02 - Fabian GUENDEL** *(Microenvironment and Immunity Unit, Institut Pasteur, Paris, France)*
  The Postnatal Stress Response Drives Long-Term Maladaptation of the Intestinal Epithelium via TLR3/TRIF Epigenetic Memory
- **PS20-03 - Ignacio CABALLERO POSADAS** *(INRAE, Toxalim, Toulouse, France)*
  TLR5 signaling amplifies airway epithelial cell responses to type I interferon through MyD88–JAK1 crosstalk during influenza infection in pigs

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16:30-18:00 **PS21 - Tissue homeostasis and dynamics** — *Audit. Saint-Exupéry - Level 2*

Chairs: Julie RIBOT (Lisbon, Portugal) & **Meryem ALOULOU** (Toulouse, France)

- **Julie RIBOT** *(Gulbenkian Institute for Molecular Medicine (GIMM), Lisbon, Portugal)*
  Stressing the role of γδ17 T cells at the crossroads of tissue communication and pathophysiology
- **Karl BALABANIAN** *(Université Paris Cité, Institut de Recherche Saint-Louis, INSERM, Paris, France)*
  CXCR4 signaling, a gatekeeper orchestrating the bone marrow ecosystem

Short oral presentations

- **PS21-01 - Miguel MESQUITA** *(Gulbenkian Institute for Molecular Medicine (GIMM), Avenida Professor Egas Moniz, Oeiras, Portugal)*
  Ferroptosis is a Physiologic Vulnerability of Iron-Recycling Macrophages
- **PS21-02 - Dan CORRAL** *(INFINITY, Toulouse, France)*
  Let it flow: Maternal immune regulation of lactation
- **PS21-03 - Chloé MICHAUDEL** *(MTS - LIAA, INRAE, Gif sur Yvette Cedex, France)*
  Low-dose perinatal pesticide exposure reprograms immune development in male offspring and increases susceptibility to type-2 airway inflammation

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16:30-18:00 **CPS22 - CEnI General Assembly** **Clinical session** — *Ariane 1 - Level 1*

PLENARY SESSION

18:00-19:30 **SESSION 3 - Young investigators** *Audit. Saint-Exupéry - Level 2*

Chairs: Marie-Astrid BOUTET (Nantes, France)**, Joaquin PELLEGRINI** (Toulouse, France)**,**
Mehdi BENAMAR (Montpellier, France)**, Catarina AZEVEDO** (Porto, Portugal) & **Inês ALVES (Porto, Portugal)**

- **Thomas MARICHAL** *(GIGA Institute, University of Liège, Liège, Belgium)*
  A deep dive into the biology of lung macrophages in health and disease

Short oral presentations

- **P3-01 - Camille CHATELAIN** *(Division of Immuno-oncology, Lund Stem Cell Center, Lund University, Lund, Sweden)*
  Inducing immunogenic lymphoid structures across cancers by tumor-to-dendritic cell reprogramming
- **P3-02 - Ana Carolina VALENTE SANTOS CRUZ DE ARAUJO** *(Department of Immunology, University of São Paulo, São Paulo, São Paulo, Brazil)*
  HIF-1α licenses BCG-induced trained immunity to promote pulmonary and systemic protection against Brucella abortus infection
- **P3-03 - Tomás MACHADO** *(University of Coimbra, Center for Innovative Biomedicine and Biotechnology, Center for Neuroscience and Cell Biology, Cantanhede, Coimbra, Portugal)*
  Retinoic acid modulates invariant Natural Killer T cell development and function in colon cancer

20:00 **Congress Dinner** *Les Espaces Vanel*

FRIDAY 6 NOVEMBER

PLENARY SESSION

08:30-10:00 **SESSION 4 - Tumor immunity** *Audit. Saint-Exupéry - Level 2*

Chairs: Bruno SILVA-SANTOS (Lisbon, Portugal) & **Fabienne HASPOT** (Nantes, France)

- **Bruno SILVA-SANTOS** *(Gulbenkian Institute for Molecular Medicine (GIMM), Lisbon, Portugal)*
  Harnessing gamma-delta T cells for cancer immunotherapy
- **Marisol SOENGAS** *(Melanoma Laboratory, Molecular Oncology Programme, Spanish National Cancer Research Centre (CNIO), Madrid, Spain)*

Short oral presentations

- **P4-01 - YLan BLANCHARD** *(Centre de Recherches en Cancérologie de Toulouse (CRCT), Toulouse, France)*
  Role of intestinal CD8 T cells in the control of colorectal cancer metastases
- **P4-02 - Alexandre LANAU** *(U1330 - Children's Oncology Research Unit, Institut Curie, Paris, France)*
  "Nature vs Nurture" : Understanding How TCR-pMHC history shapes T cell fate during polyclonal response in solid tumors
- **P4-03 - Yenkel GRINBERG-BLEYER** *(Cancer Research Center of Lyon, Lyon, France)*
  NF-kappaB transcription factor c-Rel governs CD8+ T-cell function in cancer

10:00-10:45 **Coffee break - Visit of exhibition & Posters** *Foyer & Concorde 1&2 - Level -1*

PARALLEL SESSIONS

10:45-12:15 **PS23 - Immunotherapy** *Audit. Saint-Exupéry - Level 2*

Chairs: Michel COGNÉ (Rennes, France) & **Nicolas FAZILLEAU** (Toulouse, France)

- **Karin TARTE** *(Inserm, Unité Mixte de Recherche U1236, Université Rennes, EFS, Rennes, France)*
  Is immunotherapy-mediated B-cell depletion the most relevant strategy in autoimmune disease and lymphoma?
- **Bruno SÉGUI** *(INSERM UMR 1037, Cancer Research Center of Toulouse (CRCT), Toulouse, France)*
  TNF blockade with certolizumab improves the efficacy of anti-PD-1 and anti-CTLA-4 combination therapy for melanoma

Short oral presentations

- **PS23-01 - Dalil HANNANI** *(T-RAIG Team - Grenoble Faculty of Medicine - CNRS UMR 5525, TIMC Laboratory, Grenoble, France)*
  Circulating Metabolites Link Gut Microbiota Composition to Clinical Outcomes under Immune Checkpoint Inhibitors in NSCLC
- **PS23-02 - Samad MOHAMMADNEZHADDARYANI** *(U981, Gustave Roussy, Villejuif, France)*
  eIF4F targeting rewires T cell exhaustion and overcomes immunotherapy resistance
- **PS23-03 - Alex PRIGENT** *(Endothelial Cells in Immunity, Inflammation and Cancer, IPBS, CNRS, Toulouse, France)*
  High endothelial venules mediate B cell entry into tumors and tertiary lymphoid structures during PD-1 plus CTLA-4 immunotherapy

10:45-12:15 **PS24 - Glycoimmunology** *Guillaumet 1+2 - Level 2*

Chairs: Salomé PINHO (Porto, Portugal) & **Anne ASTIER** (Toulouse, France)

- **Salomé PINHO** *(i3S - University of Porto, Porto, Portugal)*
  Turning Sweet in Immunity: glycans as master regulators of immune response in chronic inflammation, autoimmunity and cancer
- **Heinz LÄUBLI** *(University of Basel, Basel, Switzerland)*
  Local glycan engineering induces systemic antitumor immune reactions via antigen cross-presentation

Short oral presentations

- **PS24-01 - Yoann ROMBOUTS** *(Univ Toulouse, CNRS, IPBS, Toulouse, France)*
  Polysialylation governs inflammatory monocyte egress from the bone marrow
- **PS24-02 - Beatriz SANTOS-PEREIRA** *(Institute for Research and Innovation in Health (i3S), Porto, Portugal)*
  Complex branched glycosylation as a key regulator of type-3/γδT17 response associated with autoimmunity
- **PS24-03 - Léna ANDRIEUX** *(INFINITy, INSERM UMR1291, Toulouse, France)*
  Role of IgE glycosylation in allergic diseases

10:45-12:15 **PS25 - Tolerance and Transplantation** *Cassiopée - Level 1*

Chairs: Meryem ALOULOU (Toulouse, France) & **Mathieu CHEVALIER** (Marseille, France)

- **Carole GUILLONNEAU** *(Nantes Université, CHU Nantes, INSERM, Center for Research in Transplantation and Translational Immunology, Nantes, France)*
  CD8+ Treg cell therapy in Transplantation and Autoimmunity: from a novel concept to a clinical reality
- **Julien ZUBER** *(Université Paris Cité, INSERM U1151, CNRS 8253, Institut Necker Enfants Malades, Paris, France)*
  Challenges and strategies for translating transplant tolerance into clinical practice

Short oral presentations

- **PS25-01 - Mael SEITE** *(Mononuclear phagocytes, Immunopathology, Immunovirology, Center for Research in Transplantation and Translational Immunology, Nantes, France)*
  Autologous Tolerogenic Dendritic Cells Promote Treg Induction through Lactate Secretion
- **PS25-02 - Sahil ADRIOUCH** *(University Rouen Normandie, INSERM, Normandie University, Rouen, France)*
  Nanoparticles targeting liver sinusoidal endothelial cells improve AAV gene transfer and promote tolerance-spreading to capsid and transgene epitopes
- **PS25-03 - Alice KOENIG** *(INSERM U 1111, Lyon, France)*
  IRE1α-XBP1 inhibitors: a promising approach to treat chronic vascular rejection after organ transplantation

PLENARY SESSION

12:15-13:15 **SFI General Assembly** *Audit. Saint-Exupéry - Level 2*

13:15-14:15 **Lunch - Coffee - Visit of exhibition & Posters** *Foyer & Concorde 1&2 - Level -1*

PARALLEL SESSIONS

14:15-15:45 **PS26 - Environmental cues and microbiota** *Guillaumet 1+2 - Level 2*

Chairs: Dalil HANNANI (Grenoble, France) & **Julie RIBOT** (Lisbon, Portugal)

- **Thomas GENSOLLEN** *(Institut de Pharmacologie et de Biologie Structurale, IPBS, Université de Toulouse, CNRS, UPS, Toulouse, France)*
  Early-life *Wnt*4 expressing colon stromal cells orchestrate lifelong mucosal homeostasis via BMP-driven iNKT cell imprinting
- **Ilana GABANYI** *(Gulbenkian Institute for Molecular Medicine (GIMM), Lisbon, Portugal)*
  Neuronal responses to bacterial signals: the influence of sex hormones

Short oral presentations

- **PS26-01 - Fikir ASFAW** *(Gulbenkian Institute for Molecular Medicine (GIMM), Lisboa, Portugal)*
  IL-17 regulates peripheral nerve regeneration in a microbiota dependent manner
- **PS26-02 - Rodrigo DE OLIVEIRA FORMIGA** *(CRSA, Inserm U938, Sorbonne Université, Paris, France)*
  Gut Microbiota Regulates Host Immune Bioenergetics - Role of Proline Metabolism In Monocytes Phenotype
- **PS26-03 - Nicolas BOULADOUX** *(Department of Immunology / Metaorganism Unit, Institut Pasteur, Paris, France)*
  Deciphering the crosstalk between skin commensals and the immune system

14:15-15:45 **PS27 - System and spatial immunology** *Audit. Saint-Exupéry - Level 2*

Chairs: Nicolas FAZILLEAU (Toulouse, France) & **Luis GRACA** (Lisbon, Portugal)

- **Luis GRACA** *(Gulbenkian Institute for Molecular Medicine (GIMM), Lisbon, Portugal)*
  Regulation of humoral responses in health and disease
- **Vera PANCALDI** *(INSERM UMR 1037, Cancer Research Center of Toulouse (CRCT), Toulouse, France)*
  Systems approaches to describe and simulate the tumour microenvironment

Short oral presentations

- **PS27-01 - Fanny LAFOURESSE** *(UMR1037 Inserm - UMR 5071 CNRS - Université de Toulouse, CRCT, Toulouse, France)*
  Spatial characterization of CD8⁺ TRM heterogeneity within B-cell aggregates and tertiary lymphoid structures in triple-negative breast cancer
- **PS27-02 - Miguel MENDES FERREIRA** *(Department of Pathology, Leiden University Medical Center (LUMC), Leiden, Netherlands)*
  Single cell spatial profiling of immune contextures in MMRd colorectal cancer reveals distinct microenvironments associated with HLA-class-I loss

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- **PS27-03 - Keerthi KURMA** *(Laboratoire Cellules Circulantes Rares Humaines, Centre Hospitalier Universitaire de Montpellier, Montpellier, France)*
  Liquid biopsy reveals the immune status and protein profiles linked to CTC burden and clinical outcomes in metastatic breast cancer

14:15-15:45 **PS28 - Antibody** *Cassiopée - Level 1*

Chairs: Guy GOROCHOV (Paris, France) & **Maria DEL MAR NARANJO GOMEZ** (Montpellier, France)

- **João GONÇALVES** *(Faculdade de Farmácia da Universidade de Lisboa, Lisbon, Portugal)*
  Protein Engineering and Synthetic Biology: New Strategies for Therapeutic Antibody Development
- **Nadia DUARTE** *(Instituto de Biologia Experimental e Tecnológica (iBET), Oeiras, Portugal)*
  Generation of versatile tumour target cell lines using the SpyCatcher/SpyTag system to evaluate antibody-based immunotherapies

Short oral presentations

- **PS28-01 - Stella ROUSSET** *(IPBS, CNRS / University of Toulouse, Toulouse, France)*
  Targeting the C-type lectin receptor DCIR using synthetic single-domain antibodies: a promising strategy for immune modulation in tuberculosis and beyond
- **PS28-02 - Stéphane PINHAL** *(Bruker Dynamic Biosensors, München, Germany)*
  Integrated Biophysical Analysis of Fc–FcR Binding, Affinity, and Avidity in Antibody Therapeutics
- **PS28-03 - Antoine PRAITÉ** *(CRIBL laboratory - UMR CNRS7276 - INSERM U1262, Limoges, France)*
  A comprehensive, transcriptome-wide overview of post-transcriptional control of plasma cell differentiation

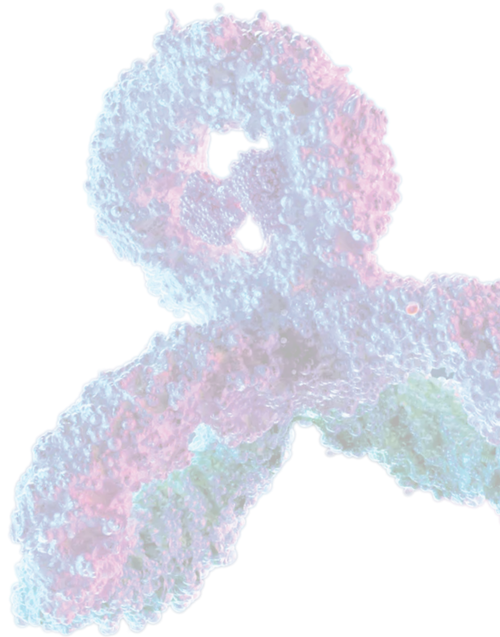
PLENARY SESSIONS

15:45-16:30 **Closing Keynote Lecture** *Audit. Saint-Exupéry - Level 2*

Chair: Nicolas FAZILLEAU (Toulouse, France)

- **Pamela SCHWARTZBERG** *(Laboratory of Immune System Biology, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD, USA)*
  Integrating T cells Signals: Lessons from Primary Immunodeficiencies and Tfh cells

16:30-17:00 **Prize awards & Conclusion**



POSTERS S1 - NeuroImmunology

Last name	First name	Title of poster	# poster
BRETAUD	Ninon	Neuro-immune interactions in breast cancer: contribution of nociceptors to the antitumor response and therapeutic efficacy	**S1-P01**
CADOT	Romane	The role of neuroinflammation in toxic epidermal necrolysis	**S1-P02**
CALVENTE	Julien	Role of immune checkpoints PD-1 and BTLA in the regulation of T-cell responses during central nervous system (CNS) inflammation	**S1-P03**
CUNNINGHAM	Kyle	Neuro-immune Control of Dendritic Cell-poiesis in Type-2 Immunity	**S1-P04**
DUFOURD	Eloïse	Brain barrier-specific tissue-resident memory CD8+ T cells alleviate EAE severity	**S1-P05**
FOHRER	Tiphaine	Tissue-specific neuroimmune regulation of antiviral immunity during HSV-1 infection	**S1-P06**
GARNIER	Nathan	Macrophages promote human sensory neuron progenitor proliferation in a developing dorsal root ganglia model	**S1-P07**
GOPINATH	Gayathri	Therapeutic targeting of JAK2 signaling and microglia to limit pathogenic tissue-resident $CD8^+$ cells in the brain	**S1-P08**
HÄMÄLÄINEN	Klaus	A new transcription factor regulates microglial activation and restrains neuroinflammation	**S1-P09**
JORDÃO	Inês	Stress derived glucocorticoids regulate γδ17 T cell transcriptomic signature in tissues	**S1-P10**
KHAYARI	Soufiane	CITE-seq reveals inhibition of NF-κB pathway in B cells from vitamin D-treated multiple sclerosis patients	**S1-P11**
MOREIRA	Diogo	Impact of IL-17 on gut immune homeostasis upon peripheral nerve injury	**S1-P12**
NINNEMANN	Justus	Chronic systemic inflammation imposes critical thresholds in energy metabolism	**S1-P13**
PIGNATA	Aurora	A $CD8^+$ T cell-mediated model of retinal neuroinflammation and ganglion cell degeneration	**S1-P14**
RIO	Lucie	Intrathecal Mesenchymal Stromal Cell administration improves EAE severity by inducing B cell reprogramming	**S1-P15**
ROUX	Camille	Immune checkpoint control of autoimmune inflammation in the eye	**S1-P16**
SAMPAIO	Yasmim	Zika virus targets human Schwann cells	**S1-P17**
SIMON	Thomas	Electrical stimulation of the arterial splenic nerve has durable therapeutic efficacy on murine collagen-induced arthritis by promoting regulatory B cells	**S1-P18**
STYM-POPPER	Grégoire	Functional subsets of regulatory T cells predict the rate of cognitive decline in Alzheimer's disease	**S1-P19**

POSTERS PS1 - Macrophages and dendritic cells

Last name	First name	Title of poster	# poster
AMANO	Mariane	Immunometabolic Reprogramming and Mitochondrial Remodeling in LPS-Induced Tolerized Macrophages	**PS1-P01**
DELLACASAGRANDE	Jérôme	Integrating monocyte-derived dendritic cells in the dermal compartment of a full-thickness skin model to confer a functional cytokine response	**PS1-P02**
FRYDER	Margot	Characterization of IL-23 producing cells during Klebsiella pneumoniae pulmonary infection	**PS1-P03**
GRAVERON	Guilhem	Uncovering endogenous pro-resolving macrophage programs in skin fibrosis	**PS1-P04**
GUILLIN	Marie	The role of FOLR2+ macrophages in anti-tumor immunity	**PS1-P05**
HIDALGO VILLEDA	Fanny	Epigenetic regulation of tumor-associated macrophage states by TET2 in pancreatic cancer	**PS1-P06**
HOSMALIN	Anne	Divergent pDC trajectories induced by HIV-infected T cells toward IFN production, T cell stimulation or cytotoxicity	**PS1-P07**
HUTTEAU	Tom	Characterisation of blood monocytes by scRNAseq and multiparametric flow cytometry in adult patients with isolated pulmonary Langerhans cell histiocytosis	**PS1-P08**
LE MERCIER	Mathilde	Development of a personalized and targeted therapeutic strategy for pathogenic synovial macrophages in osteoarthritis	**PS1-P09**
MANRIQUEZ	Valeria	Peritumoral HMOX1+ macrophages promote CD8+ T-cell infiltration through iNOS-dependent matrix remodeling CANCELED	

MASCHALIDI	Sophia	Metabolic regulation of antigen presentation via MHC Class II.	**PS1-P11**
QUINTAS	Sofia	Uncovering the therapeutic potential of dendritic cell-derived extracellular vesicles for immunotherapy in triple-negative breast cancer	**PS1-P12**
REVERENDO	Marisa	Exploring RNA Biology and RNA Polymerase III Regulation During Dendritic Cell Activation	**PS1-P13**

POSTERS PS2 - Inborn errors in immunity

Last name	First name	Title of poster	# poster
MALAYE	Marie Olive	Multiparametric Flow Cytometric Profiling of Regulatory T and B Cells in Pediatric Inborn Errors of Immunity	**PS2-P01**
		Characterizing STAT1 Deficiency and the IL-12/IFN-γ Signaling Pathway in Four Moroccan Kindreds with Mendelian Susceptibility to Mycobacterial Disease	**PS2-P02**

POSTERS PS3 - Vaccinology

Last name	First name	Title of poster	# poster
AMOIA	Charlie	Newcastle Disease Control: Do Perception Structures Drive Vaccine Adoption among Smallholder Poultry Farmers in Tanzania?	**PS3-P01**
BALSINHA PEDROSO	Rodrigo	Dissecting the contribution of T cells to protection against WNV-infectious mosquito bite induced by an EV-based vaccine	**PS3-P02**
CADENAT	Isabelle	Preclinical evaluation of Fel d 1 mRNA vaccine for the treatment of cat allergy	**PS3-P03**
CHARTOIRE	Dimitri	Monovalent mRNA Influenza Hemagglutinin Vaccine Sparks Potent Cellular Immunity Relative to Recombinant Protein Comparator in Humans	**PS3-P04**
CHEN	Hsin-Wei	Harnessing Neutrophil-Driven Innate Immunity for Antigen-Agnostic and Broad-Spectrum Vaccine Development	**PS3-P05**
EL HAJJ	Marwa	CD40 targeting sustains germinal centre activity and broadens antibody responses to SARS-CoV-2 variants	**PS3-P06**
HAIGH	Oscar	Early immunity determines how HSV-1 persists: programming latent reservoir reactivation competence	**PS3-P07**
MAMBELLI SILVA	Fabio	T cell-associated immunity induced by heterologous recombinant BCG and purified protein vaccination confers cross-variant protection against SARS-CoV-2	**PS3-P08**
RICHARD	Alexandre	Distinct innate immune programs induced by five HIV-1 vaccine platforms shape the magnitude and durability of adaptive immunity	**PS3-P09**
YALAOUI	Maria	HPV16 tumor control in mice through anti-CD40 targeting HPV16.E6/E7 vaccine combined with anti-PD-1	**PS3-P10**

POSTERS PS5 - ILC / NK

Last name	First name	Title of poster	# poster
DUMOLARD	Lucile	HBV-induced modulations in DC subsets reprogram NK cell responses	**PS5-P01**

POSTERS PS6 - Immunometabolism

Last name	First name	Title of poster	# poster
BROUQUE	Hugo	Metabolic profiling of circulating and tumor-infiltrating T cells uncovers bioenergetic checkpoints linked with immune and clinical skewing in melanoma patients	**PS6-P01**
DEWALLE	Caroline	Identifying metabolic requirements for Treg and CD8+ T cell intratumoral motility	**PS6-P02**
F. MENDES	Luís	Impact of pyruvate availability and ER-stress on the crosstalk between plasmacytoid dendritic cells and fibroblasts	**PS6-P03**
HAKIM	Nawad	Impact of RNA modifications in CD4+ T cell differentiation and function	**PS6-P04**

HERRMANN	Arthur	Deciphering the antitumor activity of P. distasonis: Impact of its metabolites on tumor and T cells	**PS6-P05**
KERN COQUILLAT	Nicolas	Deciphering the Metabolic Programs Underlying Eomes$^+$ Th Cell Adaptability	CANCELED
RODRIGUEZ	stephane	Molecular and metabolic profiling of cerebrospinal fluid EOMES expressing CD4$^+$ T cells in early multiple sclerosis	**PS6-P07**

POSTERS PS7 - T and B cell development and signaling

Last name	First name	Title of poster	# poster
ALVES-FILHO	Jose	Control of regulatory T cell stability during inflammation by adenosine signaling	**PS7-P01**
BERZINS	Stuart	Mapping the development pathways of human unconventional T cells	**PS7-P02**
BORIES	Cyrielle	GDE3 controls splenic marginal zone B cells positioning and plasmablast differentiation	**PS7-P03**
CARDOSO	João	LAMP2 controls autophagy-lysosomal pathway for selfpeptide–MHC II processing in thymic epithelial cells to tune CD4 T-Cell Selection	**PS7-P04**
INACIO	Daniel	MicroRNA-Mediated Post-Transcriptional Regulation of Peripheral γδ T Cell Effector Functions	**PS7-P05**
LOFFREDA	Iliana	Mapping and pharmacological targeting of CISH intracellular signaling checkpoint interactions in CD8+ T cells to improve immunotherapy	**PS7-P06**
MAIRE	Kilian	Genetic Traits Underpin T Cell Antigen Recognition	**PS7-P07**
MARTIN	Bruno	Foxo1 restrains naive CD4 T cell differentiation into type 1 and type 2 effector cells bysuppressing early cytokine production	**PS7-P08**
NGUYEN	Trang-My	The RNA-Binding Proteins TIA1 and TIAL1 shape T cell activation and function	**PS7-P09**
OSMA-GARCIA	Ines Claire	Post-transcripitonal regulation shapes Tregs development	**PS7-P10**
ROBARDEY	Anaïs	T cell fate is controlled by the functional interplay between the Ikaros and Foxo1 transcription factors	**PS7-P11**
RODRIGUES	Pedro M.	KLF15 is a novel regulator of thymic epithelial cell microenvironments that sustain T cell development	**PS7-P12**
SOBRAL	Francisco	Post-transcriptional control of key signalling pathways by ZFP36 RNA-binding proteins sustains thymic epithelial cell differentiation and thymic function	**PS7-P13**

POSTERS PS8 - Ageing

Last name	First name	Title of poster	# poster
DURAND	Aurélie	Impact of biological sex and inflammatory cytokines on T-cell exhaustion during aging	**PS8-P01**
LOPEZ	Léna	Emergence of an atypical immunosuppressive and pro-inflammatory monocytic subset linked to age-related frailty	**PS8-P02**
NOGUEROL	Julie	Inhibition of PTPN2/N1 by the small molecule inhibitor CLS-484 overcomes age-related immune deficiencies to enhance the efficacy of Flu vaccine in aged mice	**PS8-P03**
TORRES	Romain	Consequences of aging on naive CD4 T cell heterogeneity	**PS8-P04**
VUILLIER	Sylvia	Multiple Myeloma Progression and Treatment Drive Premature Ageing of Bone Marrow CD8+ T Cells	**PS8-P05**
AUTAA	Gaëlle	Optimized flow cytometry detection of p16INK4a reveals its differential expression across T cell differentiation subsets and age groups	**PS8-P06**

POSTERS PS10 - Autoimmunity and inflammatory diseases

Last name	First name	Title of poster	# poster
DIALLO	Mariama Sadjo	Profile of Autoantibodies and Clinical Symptoms in Guinean Patients with Connective Tissue Diseases	**PS10-P01**
BONNEFOY	Francis	Treatment of chronic inflammatory bowel diseases using intrarectal UVA radiation	**PS10-P02**

BOUILLE	Alice	c-Maf regulates age-associated B cell responses and limits autoimmune inflammation	**PS10-P03**
BRUCHON	Adeline	Deciphering the role of regulated cell death by PANoptosis in neutrophilic asthma	**PS10-P04**
CARDON	Anaïs	Immunophenotyping of human synovial tissue using spectral flow cytometry	**PS10-P05**
CARRASCO G.	D. Giovana	Inflammatory skin-gut crosstalk in psoriasis progression	**PS10-P06**
CHAMY	Lea	The ASB2α-filamin A/B axis as a new therapeutic opportunity in type 2 immune pathologies	**PS10-P07**
CHAPEROT	Laurence	Innate Immunity, Microbiota, and Inflammation in Endometriosis: Understanding the Immunopathology to Develop Innovative Treatments	**PS10-P08**
CHERIEF	Valentin	Single-Cell Trajectory-Analysis Identifies Early Transcriptomic Imprinting of Type 1 Diabetes Risk Genes in Developing NOD Thymocytes	**PS10-P09**
COLLETTE	Lisy	PTK7 expression by dendritic cells regulates T-cell responses and the Treg/Th17 balance	**PS10-P10**
COURNEZ	Lucie	Development of a humanized murine model of lupus for preclinical evaluation of innovative therapies	**PS10-P11**
FRUTOSO	Marie	Natural Killer cells phenotypic and functional signature in Sjögren's Disease	**PS10-P12**
		Autoreactive SSA+ B cells phenotypic and functional signature in Sjögren's Disease	**PS10-P13**
HOPSOMER	Grégoire	Impact of a STING gain-of-function on B Cell Phenotype and Development of Autoimmunity	**PS10-P14**
LABROSSE	Mathilde	BMP9 and BMP10 Limit IL-6/STAT3 signaling in Endothelial Cells by Inducing SOCS3 and Suppressing Inflammatory Activation	**PS10-P15**
LAGO	Claire	Immunomic Characterization of Circulating B and T Cells in Autoimmune Hepatitis	**PS10-P16**
LANAU	Alexandre	Understanding thymic selection and central tolerance defects in thymoma patients	**PS10-P17**
LEITE-DE-MORAES	Maria	Resolution of pediatric cow's milk allergy is associated with low Tfh cell frequencies and elevated IL-17 and IL-22 levels	**PS10-P18**
LOUREIRO	Inês	Thapsigargin enhances STING-dependent activation in a pDC cell line	**PS10-P19**
LOURENÇO ALVES	Mathieu	The human PERK p.P649T variant synergizes with STING signaling to drive enhanced type-I IFN and inflammatory cytokines expression in monocytes.	**PS10-P20**
MACHADO	Mariana	ER stress and matrix stiffness promote pDC-mediated fibroblast activation	**PS10-P21**
MAGAT	Yves-Marie	NLRP6 senses ozone-induced oxidative stress, triggering the activation of pyroptotic pathways in type 1 alveolar epithelial cells	**PS10-P22**
MALAYE	Marie Olive	Autoimmune Cytopenias : A frequent manifestation in patients with Autoimmune Lymphoproliferative Syndrome (ALPS)	**PS10-P23**
MARMONT	Ninon	Molecular determinants of TYPE-2 CD4+ tissue resident memory T Cells in atopic dermatitis	**PS10-P24**
MIREY	Emilie	From Mouse to Clinic: Non-Invasive Swab-Based Profiling of Inflammatory and Barrier Markers in Atopic Dermatitis	**PS10-P25**
ORLHAC	Elisa	Complement fractions in cryoglobulinemia: a study of their biological distribution and clinical correlation	**PS10-P26**
PEYROT	Charline	Role of the DNA sensor STING in immune responses to infection and lung inflammation: a One Health perspective	**PS10-P27**
PFEIFER	Romain	A novel lncRNA modulates Th cell identity and inflammatory responses	**PS10-P28**
PIERRE	Philippe	A human eIF2AK3 (PERK) variant synergizes with STING to drive enhanced type-I IFN and inflammatory cytokines expression in monocytes of a SAVI patient	**PS10-P29**
PLUCHART	Chloé	Characterization of Factor VIII-specific regulatory and conventional CD4+ T cells using TCR tranfer in Jurkat cells by microfluidics	**PS10-P30**
SHAH	Nainisha	Inflammation-Driven Treg Adaptation Reveals a Distinct Effector State in Rheumatoid Arthritis Synovial Fluid	**PS10-P31**
TAVARES-GOMES	Leticia	Intestinal mucosal glycosylation as a regulator of the gut-joint axis	**PS10-P32**
VILLENEUVE ADESSI	Maud	Characterization of pathogenic autoreactive B cells in antiphospholipid syndrome	**PS10-P33**
ZECO	Faris	Beyond platelets: ACTN1 variants drive immune dysregulation at the thrombocytopenia-autoimmunity interface	**PS10-P34**

ZHU	Yixiang Y.J.	Dynamic type I IFN signature, monocyte bias and impaired TLR7/8 response in SITRAME syndrome	**PS10-P35**
		Dysregulated dsRNA sensor signaling and viral infection during onset of pediatric autoimmune interferonopathy	**PS10-P36**
ZITOUNI HUTCHINS	Sihem	Targeting the MyDDosome: SPM001, a Stapled Peptide Inhibitor of IRAK4/IRAK2 interactions for NF-κB-Driven Inflammation	**PS10-P37**

POSTERS PS11 - Innate T cells

Last name	First name	Title of poster	# poster
CAILLENS	Vivien	Control of SARS-CoV-2 replication by activated Delta One T Cells	**PS11-P01**
MENARD	Margaux	Understanding MAIT cell function in Neisseria meningitidis pathogenesis	**PS11-P02**
STEVENS	Georgia	Decoding Vδ1 T Cell-Acute Myeloid Leukemia Interactions	**PS11-P03**

POSTERS PS12 - Women's health/sex bias in immunity

Last name	First name	Title of poster	# poster
LANGLAIS	Antonin	Influence of estrogen receptor ligands on NK Cell functions: consequences on anti-tumour immunity	**PS12-P01**

POSTERS PS13 - T and B cell memory

Last name	First name	Title of poster	# poster
LENIEF	Vanina	Emerging function of tissue-resident memory T cells in chronic allergic contact dermatitis	**PS13-P01**
RASCLE	Marie	Elucidating the mechanisms controlling the persistence of brain resident memory T cells during chronic T.gondii infection	**PS13-P02**
WENCKER	Melanie	Gain-of-function mutation in CXCR4 chemokine receptor controls the pool size of memory CD8 T-cells	**PS13-P03**

POSTERS S2 - Host-pathogen interactions

Last name	First name	Title of poster	# poster
DIALLO	Mariama Sadjo	Immunovirological Discordance and AssociatedFactors among People Living with HIV underAntiretroviral Treatment at Hôpital de Jour de Donka, Guinea	**S2-P01**
BOITTELLE	Gwendoline	Cardiometabolic disorders exacerbate bacterial pneumonia and reshape lung neutrophil states in a murine model	**S2-P02**
CARDOSO	Marcos	Integrative transcriptomic analysis reveals early host response programs associated with divergent tuberculosis outcomes	**S2-P03**
CARNOY	Christophe	Flagellin enhances innate immune responses in human airway epithelium during bacterial infection	**S2-P04**
DE ARAUJO	Ana Carolina	HIF-1α licenses BCG-induced trained immunity to promote pulmonary and systemic protection against Brucella abortus infection	**S2-P05**
JEAN	Baptiste	Development of a Simoa-Based Assay for virokine cmvIL-10 quantification	**S2-P06**
JNEID	Bakhos	Elucidating the endothelial transcriptional landscape during Neisseria meningitidis infection by using single-cell and spatial profiling	**S2-P07**
MARTIN	Aurore	Development of a Rapid Automated Functional Assay to Assess Innate Immune Function in Septic Shock Patients	**S2-P08**
RAVON KATOSSKY	Léa	Bacterial Genotoxins Trigger Schlafen11-Dependent Ribotoxic Stress Response	**S2-P09**
ROUX	Fanny	Deciphering the microbiota-lactate-macrophage axis in pneumonia: the protective role of Streptococcus mitis and signalling via the host GPR81 Receptor	**S2-P10**

SCHNELLER	Anaïs	Characterizing CMV-Specific Immune Signatures to Predict Post-Transplant Infection Risk	**S2-P11**
SILVA	Maria	SSC5D as an Immunological Mediator in Pregnancy-Associated and Neonatal Infections	**S2-P12**
SILVA FOLHAS DAMAS	Marcelo	Ex vivo HIV latency reversal combined with shingrix leads to enhanced hiv reservoir reactivation and immune restoration	**S2-P13**
TANTET	Léa	Dissecting MHC-II-restricted endogenous antigen presentation using viral proteins: the influence of HTLV-1 Tax	**S2-P14**
TONNERRE	Pierre	Sensitive detection of pathogen-specific T cells after antigen stimulation comes with phenotypic trade-offs	**S2-P15**
		Cellular and spatial features of the liver microenvironment associated with chronic hepatitis B disease progression	**S2-P16**
YANG	Haiyi	Distinct interactions of Tropheryma whipplei with intestinal epithelial cells	**S2-P17**
		Investigating the Interaction Between Tropheryma whipplei and Epithelial Cells	**S2-P18**

POSTERS PS15 - Neutrophils

Last name	First name	Title of poster	# poster
CAVADA	Sofia	Optimizing Immunotherapies in rhabdoid tumors (RTs) by targeting tumor-associated neutrophils	**PS15-P01**
LABAYE	Quiterie	Circulating neutrophil state mapping reveals phenotypic and functional heterogeneity in rheumatoid arthritis	**PS15-P02**
RODRIGUEZ	André	MYELOTRACKER®: a peptide-based tool for specific detection and functional analysis of neutrophils	**PS15-P03**
ROMERO	Sebastian	Neutrophils dynamically orchestrate the myeloid inflammatory network in arthritis	**PS15-P04**

POSTERS PS16 - Gene and cell therapy

Last name	First name	Title of poster	# poster
FORTUIN	Annemarie	Engineering Regulatory T Cells For Rheumatoid Arthritis: Development and Evaluation of CAR Constructs	**PS16-P01**
ROUX-PORTALEZ	Vincent	Identification of TCRs targeting neogene-derived neoantigens for immunotherapy of Ewing sarcoma	**PS16-P02**

POSTERS PS17 - Germinal Center

Last name	First name	Title of poster	# poster
CAVACO	Maria	Exploring human T follicular cell subsets in allergic disease	**PS17-P01**
CHAKRABARTI	Lisa	Leveraging a human lymphoid organ-on-chip reveals help-dependency in B cell responses to mRNA vaccines	**PS17-P02**
CULIE	Louis	Peripheral induction of regulatory T cells seeds the follicular regulatory T cell compartment	**PS17-P03**
SEITE	Fanette	Ins and outs of HIV antigen presentation by HIV-specific B cells	**PS17-P04**

POSTERS PS19 - Mast cells / Basophils

Last name	First name	Title of poster	# poster
ABDULLAH	Nasser	Ontogeny Matters: How Primitive Mast Cells Drive Eczema After Birth	**PS19-P01**
HUSSEIN	Hind	Single cell transcriptomics reveal mast cell heterogeneity in the human gut in health and Irritable Bowel Syndrome	**PS19-P02**

POSTERS PS20 - Mucosal immunology

Last name	First name	Title of poster	# poster
DE OLIVEIRA NERY NETO	José Arimatéa	Humanized animals for IgA1 and FcαRI (CD89) exhibit increased susceptibility to intestinal inflammation and microalbuminuria following DSS-induced colitis	**PS20-P01**

GOMES	Andréa	Function of novel inflammasome sensor in keratinocytes in the frame of contact dermatitis	**PS20-P02**
HEREDIA	Maud	LIGHT+ memory CD4+ T cells have an inflammatory phenotype and their infiltration in the intestine relates to histological disease severity in CD patients	**PS20-P03**
RITEAU	Nicolas	STING Regulates Pulmonary Remodeling and Immune Responses in Experimental Hypersensitivity Pneumonitis	**PS20-P04**

POSTERS PS21 - Tissue homeostasis and dynamics

Last name	First name	Title of poster	# poster
LUGO-VILLARINO	Geanncarlo	Identification of a Unique TUBB3$^+$ Pericyte-like Cell Population Associated with Tuberculosis Granulomas	**PS21-P01**
MATIZ	Luisamaria	Injury-triggered HA degradation modulates immune responses to promote cardiac valve regeneration	**PS21-P02**

POSTERS S4 - Tumor immunity

Last name	First name	Title of poster	# poster
ALBANET	Sylvain	Role of the transcription factor ChREBP in modulating the immune function of tumor-associated macrophages during HCC development	**S4-P01**
ALMANSA	Julie	Paraneoplastic Ovarian Tumors Reveal Cellular and Spatial Features of Naturally Effective Antitumor Immunity	**S4-P02**
ANTOLOVIC	Clara	Treg stability in cancers	**S4-P03**
BAABDATY	Elissa	High-dimensional spatial profiling of the immune microenvironment in human uveal melanoma according to BAP1 status	**S4-P04**
BEJJANI	Christina	Intravenous BCG vaccination promotes early onset of mature tertiary lymphoid structures forming a local protective barrier against lung tumors	**S4-P05**
BRESSAN	Silvia	Unraveling mechanisms of immunotherapy resistance through biomarker profiling in triple-negative breast cancer	**S4-P06**
BRUGIERE	Line	Understanding the molecular antitumor mechanisms downstream of testosterone in the treatment of adrenocortical carcinoma	**S4-P07**
CAPRON	claude	Imaging of tumor recruitment of CD8-T cells induced by tumor irradiation: is there any abscopal effect?	**S4-P08**
CERDEIRA	Alexis	Loss of IL4I1 restrains pancreatic cancer growth and reshapes the tumor microenvironment	**S4-P09**
CHAVES	Beatriz	Role of THEMIS on CD8$^+$ T cell mediated anti-tumoral response	**S4-P10**
COURAU	Tristan	Differential assembly of mouse and human tumor microenvironments	**S4-P11**
DEREDEC	Nicolas	Pro-inflammatory role of granzyme K producing bystander CD8+ T cells in acute myeloid leukemia	**S4-P12**
		Characterization of T cells phenotype and specificity in pediatric acute myeloid leukemia	**S4-P13**
FERNANDES	Jason	Perforin pore formation autonomously triggers pyroptotic cell death in target cells following attack by cytotoxic T lymphocytes	**S4-P14**
HAZARD	Calypso	Impact of tumor microenvironment on the response to radio- and immunotherapy of pediatric glioma cells	**S4-P15**
HUARD	Emma	Impact of the Glioblastoma microenvironment on the differentiation of immunosuppressive myeloid cells	**S4-P16**
LAFOURESSE	Fanny	Uncovering the molecular determinants of APC-CD8+TRM interactions in cancer	**S4-P17**
LAURENT	Adrien	MAP3K8 controls CD8 T cells fate	**S4-P18**
LTEIF	Maria	Bright side of the dark genome: lncRNA expression is dysregulated in colorectal precancer lesions	**S4-P19**
MARQUES	Rui	CCL18-expressing macrophages may drive an immunosuppressive and pro-invasion colorectal tumor microenvironment	**S4-P20**

MICHEA	Paula	Tumor heterogeneity shapes distinct immune landscapes and therapeutic responses in triple-negative breast cancer	**S4-P21**
MOODY	Rhiane	Focused Antibody Responses Against Tumour-Associated Antigens Emerge from Dominant Extrafollicular B-Cell Differentiation in Ovarian Cancer	**S4-P22**
NATUREL	Marie	The costimulatory molecule ICOSLG promotes Treg-mediated immunosuppression in human models of triple-negative breast cancer	**S4-P23**
NGUYEN	Huong Giang	KLRG1 Identify Tumor-Associated T-Cell Populations in Colorectal Cancer	**S4-P24**
PACINI	Maria F.	Characterization of the Immune Landscape in the Novel Prss56 Rhabdoid Tumor Model	**S4-P25**
PAYEN	Alexandre	Exploring the interplay between PD-1 and BTLA in regulating T-cell antitumor responses	**S4-P26**
RICHARME	Thomas	BCL6 acts as a regulator of T cell exhaustion in cancer	**S4-P27**
SAKANWI	Joy	Prenatal maternal stress durably impairs CD8 T cell antitumour immunity through a microbiota-derived bile acid	**S4-P28**
SALVIONI	Anna	T-cell exhaustion and immune landscapes differ between peritoneal and ovarian lesions in ovarian cancer patients	**S4-P29**
SOUMOY	Laura	Translation reprogramming of melanoma persister cells drives MIF secretion and an immunosuppressive tumor microenvironment	**S4-P30**
TEIRLINCK	Mathilde	A Dual CSF-1/IL-34 Trap Suppresses CSF-1R Signaling and Targets the Myeloid Compartment	**S4-P31**
VALITUTTI	Salvatore	Stenocytosis a mechanism for supramolecular attack particle transfer at the CTL lytic synapse	**S4-P32**
VIGNES	Marina	Microneedle-Mediated Intratumoral Delivery of Immune Checkpoint Inhibitors in Melanoma: Antitumor Activity and Biodistribution in Murine Models	**S4-P33**

POSTERS PS23 - Immunotherapy

Last name	First name	Title of poster	# poster
ALEXIA	Catherine	Dimethyl fumarate sensitizes solid tumor cells to expanded NK-cell cytotoxicity and enhances antibody-guided targeting	**PS23-P01**
BELBEZIER	Aude	Metal Exposure and Immune Activation in Sarcoidosis: Combining LIBS Elemental Imaging and Functional Immunological Assays	**PS23-P02**
BERROZPE	Blanca	IL-2-variant-based immunocytokines improve Diffuse large B-cell lymphoma outcomes in mice by promoting long-term immune surveillance	**PS23-P03**
BLANCO-DOMINGUEZ	Rafael	Combined CAR- and innate receptor-mediated cytotoxicity of GCC-CAR γδ T cells limits antigen escape and curbs advanced colorectal cancer	**PS23-P04**
CAMPOS	Najla	Engineering CAR-T Cells to enhance tumor infiltration and antitumor function in renal Cell Carcinoma	**PS23-P05**
CAPRON	Claude	Role of CD47/SIRPαcheckpoint in resistance to immune checkpoint inhibitor (ICI) therapy in non-small cell lung cancer (NSCLC)	**PS23-P06**
CHAPEROT	Laurence	The allogeneic plasmacytoid dendritic cell line PDC*line: an off-the-shelf therapeutic cancer vaccine platform	**PS23-P07**
COUTO-MOREIRA	Hugo	Retinoic Acid Signaling Biphasically Regulates PIB-mediated cDC1 Reprogramming	**PS23-P08**
DEREDEC	Nicolas	Integration of clinical and T-cell immune profiling to predict early response to CD3xBCMA bispecific antibody immunotherapy in Multiple Myeloma	**PS23-P09**
KAZEMIMANESH	Monireh	From Reinvigoration to Exhaustion: Tumor-Infiltrating Lymphocyte Responses to PD-1 Blockade in Melanoma	**PS23-P10**
LENOGUE	Kevin	From Target to Therapy – A Validated Workflow for Selecting the Right TCR	**PS23-P11**
MARCOUX	Paul	Patient-Derived Lymphoma Spheroids (PDLS) Reveal Predictive Markers of Glofitamab Resistance in Relapsed/Refractory B-cell non-Hodgkin lymphomas (R/R B-NHL)	**PS23-P12**
MAROTEL	Marie	SpyTag/Catcher based Universal Platform for Evaluating the Responsiveness of CAR-NK cells	**PS23-P13**
MENA OSUNA	Rafael	Circulating effector regulatory T cells define a systemic immunosuppressive state associated with resistance to immune checkpoint blockade	**PS23-P14**
PERSCH	Mathilde	Multimodal Analysis of Immunotherapy Responses in Patient-Derived Tumor Slices	**PS23-P15**

RODRIGUES	Catarina A.	Early Immunotherapy-driven peripheral immune modulation in melanoma: preliminary findings from multiparametric flow cytometry analysis	**PS23-P16**
SEDDIK	Cherif	Contribution of the dark genome to immunotherapy response in melanoma	**PS23-P17**
TORRES	Baptiste	Evaluation in vivo of the antitumoral effect of several cytokines and immunocytokines expressed in the tumor microenvironment using recombinant AAV vectors	**PS23-P18**

POSTERS PS24 - Glycoimmunology

Last name	First name	Title of poster	# poster
AZEVEDO	Catarina	Glycoengineering branched N-glycans limits T cell exhaustion and enhances CAR-T cell cytotoxicity against solid tumors	**PS24-P01**
CARNEIRO	Pedro	Glycoengineering Tumor Neoantigens: a novel strategy to enhance CD8+ T cell anti-tumor immune response in Colorectal Cancer	**PS24-P02**
FARIA NADALINE	Guilherme	A sialylation–SIGLEC axis defines immune suppression and tumor cell quiescence in metastatic niches	**PS24-P03**
NOGUEIRA	Rafaela	Dissecting the functional implications of ACPA V-domain glycans in autoreactive B cell selection in autoimmunity and in the pathogenesis of Rheumatoid arthritis	**PS24-P04**
SHAH	Srishti	Antigen-specific antibody glycosylation signatures are associated with increased risk to Crohn's disease	**PS24-P05**

POSTERS PS25 - Tolerance and Transplantation

Last name	First name	Title of poster	# poster
BOULARD	Pierre	The Neonatal Fc Receptor is present in extracellular vesicles isolated from perfusion samples of renal transplants	**PS25-P01**
HADDOUCHE	Aness	Induction of stable human Treg cells from effector CD4+ T cells in vitro	**PS25-P02**
HASSAN	Jehanne	Fate control of FOXP3 expressing human Treg cells for cell therapy	**PS25-P03**
LAVERGNE	Theotime	Regulatory T cell stability at steady state across tissues	**PS25-P04**

POSTERS PS26 - Environmental cues and microbiota

Last name	First name	Title of poster	# poster
SOUSA	Mariana	Deciphering the Glycan–Microbiota Interface: Mucosal Glycans Shape Intestinal Microbial Communities During the Transition to Inflammation	**PS26-P01**

POSTERS PS27 - System and spatial immunology

Last name	First name	Title of poster	# poster
ALVES	Karine	AltraFlowSOM: A Semi-Supervised Framework for Scalable Phenotyping of Imaging Mass Cytometry Data	**PS27-P01**
WU	Ming	Trophoblast Extracellular Vesicles Rewire Immunity: A Symptom-Relief Avenue for Recessive Dystrophic Epidermolysis Bullosa	**PS27-P02**

POSTERS PS28 - Antibody

Last name	First name	Title of poster	# poster
BEURAUD	Chloé	Improving Monoclonal Antibody PK Predictability Through Comparison of Humanized FcRn Mouse Models	**PS28-P01**
CATIER	Ewen	Roles of the human IgH locus 3' Super enhancers in BCR expression and Class Switch Recombination	**PS28-P02**
COSTA	Thaís	Biological Effects of VLA-4 Blockade by Natalizumab on Human T Cells	**PS28-P03**
KOLOPP-SARDA	Marie N.	Heavy chain protein: disease or not disease?	**PS28-P04**
LEVEQUE	Edouard	Development of a Fully Human Broadly Neutralizing Anti-SARS-CoV-2 mAb Using Tonsil Organoids	**PS28-P05**
MELO	Bruna	Engineering a Nanobody-Reporter Fusion (VHH-APEX2) for Epidemiological Surveillance of Shiga Toxin 2	**PS28-P06**
PELUSO	Marco	Biomarkers based machine learning approach to evaluate the response to targeted antibodies and other therapy in metastatic colorectal cancer patients	**PS28-P07**
PICHERY	Melanie	A CD2 blocking antibody for inflammatory and autoimmune diseases	**PS28-P08**
ROUSSEL	Anaëlle	A single-domain antibody-based anti-CD20 bi-modular fusion protein redirects endogenous anti-EBV antibodies to trigger potent complement-dependent cytotoxicity	**PS28-P09**
TEILLAUD	Séléna	A long-read sequencing strategy to reveal truncated immunoglobulin heavy chains in monoclonal gammopathies of renal significance	**PS28-P10**
VIEIRA	Melissa	Phage Display-Based Identification and Functional Screening of Recombinant Anti-TIM-3 Nanobodies	**PS28-P11**

SFI-SPI 2026 Notes

SFI-SPI 2026 Notes

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ACCESS MAP - CONGRESS DINNER

THURSDAY 5 NOVEMBER, 20:00

Espaces Vanel - 1 Allée Jacques Chaban-Delmas, 31500 Toulouse

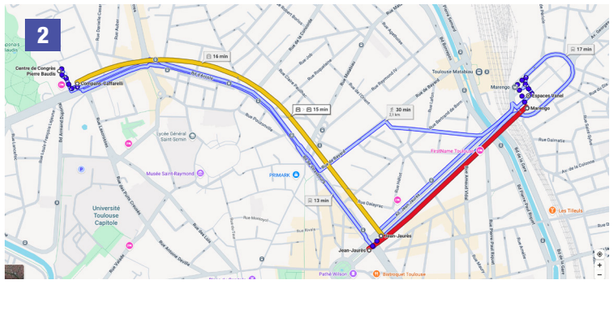
How to get to Espaces Vanel from Centre de Congres Pierre Baudis:



1 Option 1: On foot

Allow approximately 25–30 minutes (around 2 km).

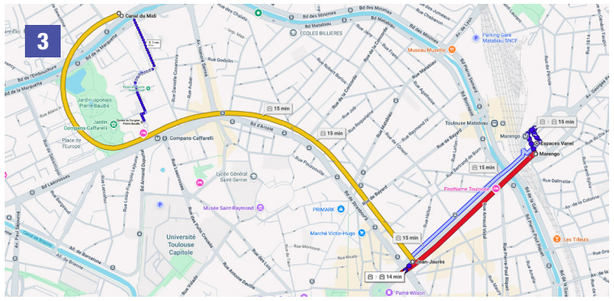
- Walk towards Toulouse city centre and continue in the direction of Toulouse-Matabiau train station.
- Espaces Vanel is located near the station.



2 Option 2: By metro

Allow approximately 15–20 minutes in total, including walking and the metro journey.

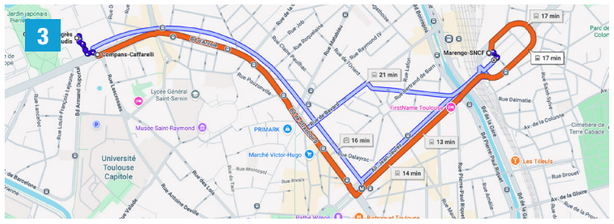
- Walk to Compans-Caffarelli metro station.
- Take Metro Line B towards Ramonville and get off at Jean-Jaurès (2 stops).
- Change to Metro Line A towards Balma-Gramont.
- Get off at Marengo-SNCF (1 stop).
- Walk to Espaces Vanel, located near Toulouse-Matabiau train station.



3 Option 3: By metro

Allow approximately 15-20 minutes in total, including walking and the metro journey.

- Walk to Canal du Midi metro station.
- Take Metro Line B towards Ramonville and get off at Jean-Jaurès (3 stops).
- Change to Metro Line A towards Balma-Gramont.
- Get off at Marengo-SNCF (1 stop).
- Walk to Espaces Vanel, located near Toulouse-Matabiau train station.



3 Option 4: By bus

Allow approximately 15-20 minutes in total, including walking and the bus journey.

- Walk to Compans-Caffarelli bus station.
- Take Bus Line L14 towards Marengo-SNCF and get off at Marengo-SNCF (7 stops).
- Walk to Espaces Vanel, located near Toulouse-Matabiau train station.

Last public transport departures near Espaces Vanel: Metro Line A at approximately 12:17 a.m. and bus L14 at approximately 1:00 a.m. Please check the latest timetables before travelling.

Public & Private Partners

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www.fondation-arc.org//

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care-graduateschool.fr/

CEnI - Collège des Enseignants d'Immunologie
college-immunologie.fr/

CITC - Club d'Immunothérapie Cellulaire
immunology.fr/fr/club/club-dimmunotherapie-cellulaire/

Fédération d'Immunologie Médicale
immunology.fr/fr/immunologie-medicale/

France Sclérose en Plaques
www.france-sclerose-en-plaques.org/fr

Immun4Cure Institut Hospitalo-Universitaire
www.immun4cure.fr/en/home/

Infinity - Institut Toulousain des Maladies Infectieuses et Inflammatoires
www.infinity.inserm.fr/en/

IPBS-Toulouse - Institut de Pharmacologie et de Biologie Structurale
www.ipbs.fr/

La Ligue contre le cancer
www.ligue-cancer.net/

Research Program (PEPR) Biotherapies and Bioproduction of Innovative Therapies (BBTI)
pepr-biotherapies.fr/en/home/

RESTORE - Geroscience and rejuvenation research center
restore-lab.fr/en/home-en/

UNITC - Consortium national de recherche sur les thérapies cellulaires et géniques en cancérologie
www.unitc.fr/

Université de Toulouse
www.utoulouse.fr/en

VRI- Institut de Recherche Vaccinale
www.u-pec.fr/fr/universite/strategie-et-grands-projets/labex-vri-vaccine-research-institute

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Stand 3

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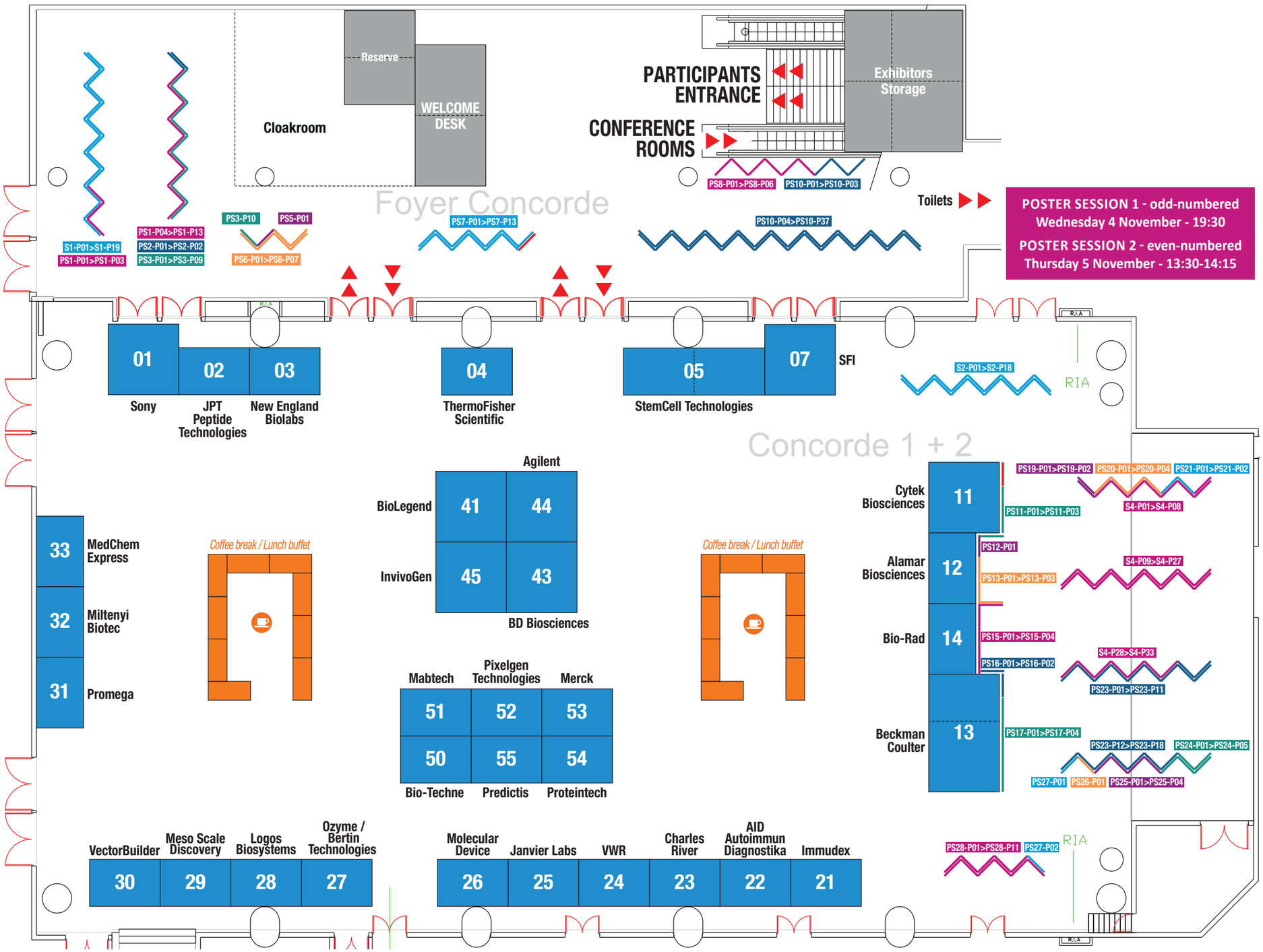
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EXHIBITION PLAN - CENTRE DES CONGRÈS PIERRE BAUDIS - TOULOUSE, FRANCE

FOYER & CONCORDE 1&2 - LEVEL -1



LIST OF BOOTHS

- Agilent Stand 44
- AID Autoimmun Diagnostika Stand 22
- Alamar Biosciences Stand 12
- BD Biosciences Stand 43
- Beckman Coulter Stand 13
- BioLegend Stand 41
- Bio-Rad Stand 14
- Bio-Techne Stand 50
- Charles River Stand 23
- Cytek Biosciences Stand 11
- Immudex Stand 21
- InvivoGen Stand 45
- Janvier Labs Stand 25
- JPT Peptide Technologies Stand 02
- Logos Biosystems Stand 28
- Mabtech Stand 51
- MedChemExpress Stand 33
- Merck Stand 53
- Meso Scale Discovery Stand 29
- Miltenyi Biotec Stand 32
- Molecular Devices Stand 26
- New England Biolabs Stand 03
- Ozyme / Bertin Technologies Stand 27
- Pixelgen Technologies Stand 52
- Predictis Stand 55
- Promega Stand 31
- Proteintech Stand 54
- Sony Stand 01
- SFI Stand 07
- StemCell Technologies Stand 05
- ThermoFisher Scientific Stand 04
- VectorBuilder Stand 30
- VWR Stand 24

SFI-SPI 2026 Exhibition plan & List of booths

57th Annual Meeting of the **French Society for Immunology** and the 1st Joint Annual Meeting of the SFI and the **Portuguese Society for Immunology** (SPI) **From 4 to 6 November 2026** Centre de Congrès Pierre Baudis, Toulouse, France **Program book**

PLANNING AT A GLANCE

WEDNESDAY 4 NOVEMBER

08:00 Meeting registration

09:15 Welcome introduction

09:30 Keynote Lecture - *Shimon Sakaguchi*

10:15 PLENARY SESSION 1
Neuroimmunology

11:45 Industry Symposia - BD Biosciences

12:00 Industry Talks - Cytek Biosciences
Meso Scale Discovery - Pixelgen Technologies
StemCell Technologies - Alamar Biosciences

12:36 Lunch - Coffee
Visit of exhibition & Posters

14:15 Parallel Sessions
- PS1 Macrophages and dendritic cells
- PS2 Inborn errors in immunity
- PS3 Vaccinology
- CPS4 Immunometabolism and its implications for practical medicine

15:45 Parallel Sessions
- PS5 ILC / NK
- PS6 Immunometabolism
- PS7 T and B cell development and signaling

17:15 Coffee break - Visit of exhibition & Posters

18:00 Parallel Sessions
- PS8 Ageing
- PS9 Young SPI / SFI
- PS10 Autoimmunity and inflammatory diseases

19:30 POSTER SESSION 1 - odd-numbered

Wine & Cheese

THURSDAY 5 NOVEMBER

08:30 Parallel Sessions
- PS11 Innate T cells
- PS12 Women's health/sex bias in immunity
- PS13 T and B cell memory
- CPS14 CAR-T cells in autoimmune diseases

10:00 Coffee break - Visit of exhibition & Posters

10:45 PLENARY SESSION 2
Host-pathogen interactions

12:15 Industry Symposium
Sony

12:30 Industry Talks
CeGaT- Agilent Technologies

12:42 Lunch - Coffee
Visit of exhibition

13:30 POSTER SESSION 2
even-numbered

14:15 Parallel Sessions
- PS15 Neutrophils
- PS16 Gene and cell therapy
- PS17 Germinal Center
- CPS18 Xenotransplantation

15:45 Coffee break - Visit of exhibition & Posters

16:30 Parallel Sessions
- PS19 Mast cells / Basophils
- PS20 Mucosal immunology
- PS21 Tissue homeostasis and dynamics
- CPS22 CEnI General Assembly

18:00 PLENARY SESSION 3
Young investigators

19:30

20:00 Congress Dinner - *Les Espaces Vanel*

FRIDAY 6 NOVEMBER

08:30 PLENARY SESSION 4
Tumor immunity

10:00 Coffee break - Visit of exhibition & Posters

10:45 Parallel Sessions
- PS23 Immunotherapy
- PS24 Glycoimmunology
- PS25 Tolerance and Transplantation

12:15 SFI General Assembly

13:15 Lunch - Coffee
Visit of exhibition & Posters

14:15 Parallel Sessions
- PS26 Environmental cues and microbiota
- PS27 System and spatial immunology
- PS28 Antibody

15:45 Closing Keynote Lecture

16:30 Prize awards & Conclusion

17:00

- Clinical session
- *Foyer & Concorde 1&2 - Level -1*
- *Ariane 1 - Level 1 (140)*
- *Cassiopée - Level 1 (300)*
- *Auditorium Saint-Exupéry - Level 2 (500)*
- *Guillaumet 1+2 - Level 2 (200)*

