

PROGRAM

MONDAY 28 NOVEMBER

08.00-08.30	Welcome coffee	<i>Espaces S1/S2</i>
08.30-09.00	Welcome Introduction Hans Yssel - SFI President Anne Hosmalin - SFI Past-President Alain Fischer - Congress President Yves Lévy - CEO Inserm Catherine Jessus, Bruno Lucas - CNRS INSB Director and DAS	<i>Amphi. Gaston Berger</i>  
09.00-10.30	PLENARY SESSION: François Kourilsky lecture Chairs: Michel Fougereau - Centre d'Immunologie de Marseille-Luminy, Université Aix-Marseille, Inserm, CNRS - Marseille (FR) and Jean-Claude Weill - Institut Necker Enfants Malades, Inserm, CNRS, Université Paris V-USPC - Paris (FR) • Max Cooper - Emory University - Atlanta (US): Evolution of lymphocyte-based immunity	<i>Amphi. Gaston Berger</i> 
10.30-11.15	Coffee break - Visit of exhibition - Poster session	<i>Espaces S1/S2</i>
	PARALLEL SESSIONS	
11.15-12.45	German Society for Immunology (DGfI): Biology of B cells Chair: Marta Rizzi - Universitäts Klinikum Freiburg - Freiburg (DE) • Andreas Radbruch - German Rheumatology Research Center - Berlin (DE): Memory plasma cells and memory B cells • Klaus Rajewsky - Max Delbrück Center for Molecular Medicine - Berlin (DE): A mouse model of Epstein-Barr-Virus infection • Kathrin Pieper - Institute for Research in Biomedicine - Bellinzona (CH): A new mechanism of immunoglobulin diversification generates broadly reactive antibodies to Plasmodium falciparum • Jürgen Wienands - Georg August University of Göttingen (DE): Primary and secondary B cell activation	<i>Salle Louis Armand Oest</i> 
11.15-12.45	Checkpoint inhibitors against cancer Chairs: Antoine Toubert - Institut Universitaire d'Hématologie, Inserm, Université Paris VII-USPC - Paris (FR) and Eric Tartour - Paris Cardiovascular Research Center, Université Paris V-USPC - Paris (FR) • Laurence Zitvogel - Institut Gustave-Roussy, Inserm, Université Paris XI - Villejuif (FR): Oncobiotics ameliorate immune checkpoint blockade • Caroline Robert - Institut Gustave-Roussy, Inserm, Université Paris XI - Villejuif (FR): Melanoma, a model for immunotherapy Selected short oral presentations • Magalie Dosset - Inserm, EFS, UBFC - Besançon (FR): Immunogenic cell death inducers trigger PD-L1-dependent adaptive immune resistance to cancer • Laurie Menger - Institut Curie, Inserm - Paris (FR): TALEN-Mediated Inactivation of PD-1 in tumor-reactive lymphocytes promotes intratumoral T-cell persistence and rejection of established tumors • Sylvain Simon - Inserm - Nantes (FR): Emergence of high avidity Melan-A specific neoclonotypes defined by high PD-1 and TIGIT co-expression in melanoma patients responding to anti-PD1 treatment	<i>Amphi. Gaston Berger</i>

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11:15-12:45 ILC, NKT and MAIT cells *Salle Louis Armand Est*

Chairs: *Anne Caignard* - Institut Universitaire d'Hématologie, Inserm, Université Paris Diderot-USPC - Paris (FR) and *Maria Leite-de-Moraes* - Institut Necker-Enfants Malades Inserm, CNRS, Université Paris V-USPC - Paris (FR)

- **James Di Santo** - Institut Pasteur, Inserm - Paris (FR): Transcriptional regulation of innate lymphoid cell differentiation
- **Agnès Lehuen** - Institut Cochin, Inserm, CNRS, Université Paris V-USPC - Paris (FR): MAIT cells at the crossroad of microbiota, inflammation and diabetes

Selected short oral presentations

- **Christelle Harly** - National Institute of Health - Bethesda (US): TCF7 coordinates a transcriptional program underlying early innate lymphoid cell development that overlaps with the T cell developmental program
- **Nicolas Huot** - Institut Pasteur - Paris (FR): Migration of NK cells into B cell follicles during SIVagm infection
- **Marie-Laure Michel** - Institut Necker-Enfants Malades - Paris (FR): SLAM-associated protein favors the development of iNKT2 over iNKT17 cells

12:45-14:45 Lunch - Coffee - Visit of exhibition - Poster session *Espaces S1/S2*

13:45-14:45 ASSIM General Assembly *Salle Louis Armand Ouest*

13:45-14:45 LabEx Milieu Intérieur *Salle Louis Armand Est*

Chair: *Matthew Albert* - Institut Pasteur, Inserm - Paris (FR) / Genentech - San Francisco (US)

- **Darragh Duffy** - Institut Pasteur, Paris (FR): Defining the boundaries of a healthy immune response for a better understanding of disease
- **Jacques Fellay** - École Polytechnique Fédérale de Lausanne (CH): Human genetics of immune responses
- **Stanislas Mondot** - INRA, Paris (FR): Exploring the human gut microbiota composition in relation to immune system variance: what has to be revealed?



14:45-16:15 PLENARY SESSION: Basis of cancer immunotherapy *Amphi. Gaston Berger*

Chairs: *Anne Durandy* - Institut Imagine, Inserm, Université Paris V-USPC - Paris (FR) and *Hervé Fridman* - Centre de Recherche des Cordeliers, Inserm, Université Paris V-USPC - Paris (FR)

- **Tasuku Honjo** - Kyoto University (JP): Cancer immunotherapy by PD-1 blockade
- **Michel Sadelain** - Memorial Sloan Kettering Institute - New York (US): CAR therapy beyond the CD19 paradigm

16:15-17:00 Coffee break - Visit of exhibition - Poster session *Espaces S1/S2*

PARALLEL SESSIONS

17:00-18:30 Ateria Alumni Session *Salle Louis Armand Ouest*

Chairs: *Anne Hoshmalin* - Institut Cochin, Inserm, CNRS, Université Paris V-USPC - Paris (FR) and *Hans Yssel* - Centre d'Immunologie et des Maladies Infectieuses, Inserm, Université Paris VI, Sorbonne Universités - Paris (FR)

- **Nicolas Manel** - Institut Curie, Inserm - Paris (FR): Interactions of Dendritic Cells with Viruses
- **Dietmar Zehn** - Technical University of Munich - Freising (DE): T Cell subset diversification in chronic infections
- **Chris Schiering** - Francis Crick Institute - London (UK): Feedback control of AhR signalling regulates intestinal immunity
- **Thomas Marichal** - GIGA-Research Institute - Liège (BE): Role of keratinocyte RAB guanine nucleotide exchange factor 1 (RABGEF1) in skin homeostasis
- **Alexander Eggel** - Institute of Immunology, University of Bern (CH): Therapeutic approaches to interfere with IgE-mediated allergic reactions



17:00-18:30 **Anti-tumor immunity**

Amphi. Gaston Berger

Chairs: **Nathalie Labarrière** - Université de Nantes, Inserm, CNRS - Nantes (FR) and **Jean-Luc Teillaud** - Centre de Recherche des Cordeliers, Inserm, Université Paris V-USPC - Paris (FR)



- **Nathalie Bendriss-Vermare** - Centre de Recherche en Cancérologie de Lyon, Inserm, CNRS, Université de Lyon (FR): Dual role of plasmacytoid dendritic cells in breast cancer immunity and therapeutic functional reprogramming
- **Jérôme Galon** - Centre de Recherche des Cordeliers, Inserm, Université Paris V-USPC - Paris (FR): From immune contexture to Immunoscore in the era of cancer immunotherapies
- **Éric Vivier** - Centre d'Immunologie de Marseille-Luminy, Université Aix-Marseille, Inserm, CNRS - Marseille (FR): Evidence of innate lymphoid cell redundancy in mice and humans

17:00-18:30 **B cells**

Salle Louis Armand Est

Chairs: **Claudine Schiff** - Centre d'Immunologie de Marseille-Luminy, Université Aix-Marseille, Inserm, CNRS - Marseille (FR) and **François Huetz** - Institut Pasteur, Inserm - Paris (FR)

- **Michel Cogné** - CNRS, Université et CHU de Limoges (FR): Dragged with an Ig super-enhancer
- **Claude-Agnès Reynaud** - Institut Necker Enfants Malades, Inserm, CNRS, Université Paris V-USPC - Paris (FR): A large IgM memory subset in mouse spleen is constantly renewed by persistent clones from Peyer's patches immune responses

Selected short oral presentations

- **Nagham Alouche** - Inserm - Clamart (FR): CXCR4 desensitization regulates TLR-mediated plasma cell differentiation and persistence
- **Florent Arbogast** - Institut de Biologie Moléculaire et Cellulaire Strasbourg, CNRS - Strasbourg (FR): Macroautophagy in B cells activation and antigen presentation
- **Vincent Gies** - Institut de Biologie Moléculaire et Cellulaire Strasbourg, CNRS - Strasbourg (FR): Human thymic B cells have an APC phenotype and express AIRE

18:30-19:00 **PLENARY SESSION**

Amphi. Gaston Berger

Chair: **Hans Yssel**

- **Jean-Marc Cavaillon** - Institut Pasteur, Inserm - Paris (FR): Centenary of the death of Elie Metchnikoff: a visionary and an outstanding team leader

19:00 **Welcome cocktail**

Espaces S1/S2

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PROGRAM

TUESDAY 29 NOVEMBER

08.00-08.30 **Welcome coffee**

Espaces S1/S2

08.30-10.00 **PLENARY SESSION: Infection**

Amphi. Gaston Berger

Chair: Alain Fischer - Collège de France, Institut Imagine, Inserm, APHP, Université Paris V-USPC - Paris (FR)

 **Oviesan**
diagnostique personnalisé
pour les sciences de la vie et de la santé 

- **Miriam Merad** - Icahn School of Medicine at Mount Sinai - NYC (US): Contribution of mononuclear phagocytes to barrier tissue integrity
- **Yasmine Belkaid** - National Institute of Allergy and Infectious Diseases - Bethesda (US): Microbial imprinting

10.00-10.45 **Coffee break - Visit of exhibition - Poster session**

Espaces S1/S2

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PARALLEL SESSIONS

10.45-12.15 **Metabolism, microbes and immunity**

Amphi. Gaston Berger

Chairs: Agnès Lehuen - Institut Cochin, Inserm, CNRS, Université Paris V-USPC - Paris (FR) and **Patrice Debré** - Centre d'Immunologie et des Maladies Infectieuses, Inserm, AP-HP, Université Paris VI, Sorbonne Universités - Paris (FR)

- **Gérard Eberl** - Institut Pasteur, Inserm - Paris (FR): Regulation of inflammation by intestinal microbiota
- **Julie Déchanet-Merville** - Université Bordeaux 2, CNRS - Bordeaux (FR): Recognition of cell stress by $\gamma\delta$ T cells

Selected short oral presentations

- **Gilles Dadaglio** - Institut Pasteur, Inserm - Paris (FR): Mitochondrial metabolism regulates cross-presentation capacity of plasmacytoid dendritic cells following activation
- **Martin Larsen** - Centre d'Immunologie et de Maladies Infectieuses, Inserm, Université Paris VI, Sorbonne Universités - Paris (FR): Gut microbiota and host immunity in multiple sclerosis
- **Romain Vallion** - Centre d'Immunologie et de Maladies Infectieuses, Inserm, Université Paris VI, Sorbonne Universités - Paris (FR): mTOR plays a critical role in Treg homeostasis and suppressive function

10.45-12.15 **Trafficking**

Salle Louis Armand Quest

Chairs: Sylvia Cohen-Kaminsky and **Pierre Galanaud** - Inserm, Université Paris-Sud - Paris (FR)

- **Philippe Bousso** - Institut Pasteur, Inserm - Paris (FR): Decoding immune responses to cancer or infection using intravital imaging
- **Marc Lecuit** - Institut Pasteur, Inserm, Université Paris V-USPC, APHP - Paris (FR): *Listeria* invasion of host tissues: mechanisms and effects

Selected short oral presentations

- **Tinhinane Fali** - Centre d'Immunologie et de Maladies Infectieuses, Inserm, Université Paris VI, Sorbonne Universités - Paris (FR): Old age-associated exhaustion of hematopoietic progenitors in humans
- **Patrick Legembre** - CLCC Eugène Marquis - Rennes (FR): CD95 recruits p135 to trigger a calcium response promoting TH17 accumulation in inflamed organs of lupus mice
- **Julie Nguyen** - Inserm - Clamart (FR): Impact of a gain-of-CXCR4-function on hematopoietic and stromal cells

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10:45-12:15 **Vaccination**

Salle Louis Armand Est

Chairs: **Brigitte Autran** - Centre d'Immunologie et des Maladies Infectieuses, Inserm, AP-HP, Université Paris VI, Sorbonne Universités - Paris (FR) and **Claude Leclerc** - Institut Pasteur, Inserm - Paris (FR)



- **Béhazine Combadière** - Centre d'Immunologie et des Maladies Infectieuses, Inserm, Université Paris VI, Sorbonne Universités - Paris (FR): Mechanisms of immune responsiveness and unresponsiveness to vaccines
- **Hugo Mouquet** - Institut Pasteur, CNRS - Paris (FR): Decoding Human B-cell responses to viruses: learning from HIV-1 monoclonal antibodies

Selected short oral presentations

- **Pascal Chappert** - Institut Necker-Enfants Malades - Paris (FR): Cross-presentation of skin-delivered transgene induces robust systemic and resident memory CD8+ T cell responses
- **Aline Coulon Le Moignic** - Centre d'Immunologie et des Maladies Infectieuses, Inserm, Université Paris VI, Sorbonne Universités - Paris (FR): Preclinical validation of new therapeutic anti-cancer vaccines targeting dendritic cells by using trimannosylated RNA lipopolyplexes
- **Virginie Tardif** - Drexel University-College of Medicine - Philadelphia (US): Adenosine deaminase (ADA) as a putative adjuvant molecule for human HIV-1 vaccine

12:15-14:15 **Lunch - Coffee - Visit of exhibition - Poster session**

Espaces S1/S2

12:15-13:10 **SESSION: Women in Immunology**

Amphi. Gaston Berger

Chairs: **Pascale Cossart** - Institut Pasteur, Inserm, Collège de France - Paris (FR) and **Catherine Sautes-Fridman** - Centre de Recherche des Cordeliers, Inserm, Université Paris V-USPC - Paris (FR)



- 12:15-12:20 • **Pascale Cossart**: Introduction
- 12:20-13:05 • **Fiona Powrie** - University of Oxford, (UK): Gut reactions: Immune pathways in the intestine in health and disease
- 13:05-13:10 • **Catherine Sautes-Fridman**: Conclusion

14:00-15:15 **Industry Symposium**

Amphi. Gaston Berger

- 14:05-14:15 • **Miloud Tewfik** - Beckman Coulter (FR): Solutions for Standardization of Immune Phenotyping and Intracellular cytokine staining assays
- 14:15-14:25 • **Laurence Talbot** - Bio-Rad (FR): Exemples d'applications de tri cellulaire avec le S3eTM Cell Sorter et introduction du nouvel analyseur ZES™
- 14:25-14:35 • **Stéphane Fenart** - Roche Diagnostics (FR): Roche Sequencing Overview
- 14:35-14:45 • **Cyril Masante** - Chemometec (FR): The NucleoCounters: advanced cell analyzers for cell counting, cell cycle analysis, study of apoptosis and «no» flow cytometry
- 14:45-14:55 • **Philippe Sommer** - ProteoGenix (FR): Développement d'anticorps spécifiques et service à façon
- 14:55-15:05 • **Carsten Wiethe** - BioLegend (UK): Committed to Enabling Superior Multicolor Flow Cytometry for Enhanced Complex Immunophenotyping
- 15:05-15:15 • **Caroline Fribourg** - Diagomics (FR): Diagomics, société française émergente apportant de nouvelles solutions pour la détection des protéines en Western Blot, Immunohistochimie...



14:15-17:15 **SESSION DPC - Pratique des Interferon-γ release assays en 2016 : de la prescription à la validation biologique**

Salle Louis Armand Ouest



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- 15:15-16:45** **PLENARY SESSION:** *Amphi. Gaston Berger*
Integration of immune responses by dendritic cells
Chairs: **Marc Daeron** - Institut Pasteur, Inserm - Paris / Centre d'Immunologie de Marseille-Luminy, Inserm, CNRS, Université Aix-Marseille (FR) and 
Matthew Albert - Institut Pasteur, Inserm - Paris (FR) / Genentech - San Francisco (US)
• Caetano Reis e Sousa - The Francis Crick Institute - London (UK): Regulation of immunity by dendritic cells
• Jean-Laurent Casanova - Institut Imagine, Inserm, APHP, Université Paris V-USPC - Paris (FR) / The Rockefeller University - New York (US): Toward a genetic theory of childhood infectious diseases

16:45-17:30 **Coffee break - Visit of exhibition - Poster session** *Espaces S1/S2*

PARALLEL SESSIONS

- 17:30-19:00** **Young Immunologist Session** *Salle Louis Armand Est*
Chairs: **Leila Perié** - Institut Curie, CNRS, PSL Research University - Paris (FR) and **Pauline Soulas-Sprauel** - Institut de Biologie Moléculaire et Cellulaire, Université de Strasbourg, CNRS - Strasbourg (FR)
• Leila Perié: Deciphering the hematopoietic pathway at the single cell level: results from cellular barcoding
• Elisa Gomez-Perdiguero - Institut Pasteur, CNRS - Paris (FR): Developmental origins of tissue resident macrophages
• Pauline Soulas-Sprauel: How B Cell biology during lupus reveals different pieces of the puzzle
• Jean-Nicolas Schickel - Yale University - New Haven (US): PTPN22 inhibition resets defective human central B cell tolerance
• Bénédicte Py - Centre International de Recherche en Infectiologie, Inserm, CNRS, École Normale Supérieure de Lyon, Univ. Lyon1 - Lyon (FR): Regulation of the NLRP3 inflammasome by post-translational modifications
• Caroline Goujon - Centre d'études d'agents Pathogènes et Biotechnologies pour la Santé - Montpellier (FR): MX proteins: intracellular effectors of antiviral innate immunity

- 17:30-19:00** **Bacterial and parasitics diseases** *Salle Louis Armand Ouest*
Chairs: **Pierre Buffet** - Faculté de Médecine Université Paris Descartes, Institut National de la Transfusion Sanguine - Paris (FR) and **Guy Gorochov** - Centre d'Immunologie et des Maladies Infectieuses, Inserm, AP-HP, Université Paris VI, Sorbonne Universités - Paris (FR)
• Olivier Neyrolles - Institute of Pharmacology and Structural Biology, CNRS - Toulouse (FR): Host-pathogen interactions in tuberculosis: C-type lectin DCIR modulates immunity to tuberculosis by sustaining type I IFN signalling in dendritic cells
• Laurent Renia - Singapore Immunology Network (SG): Antigen cross-presentation by activated endothelial cells in experimental cerebral malaria

Selected short oral presentations

- Salvatore Raieli** - Institut Curie - Paris (FR): TLR2/1 orchestrate human pDC response to Gram+ bacteria
• Nicolas Vabret - Icahn School of Medicine at Mount Sinai - New York (US): Bacterial RNA Enables Noncanonical Inflammasome Activation by Intracellular LPS
• Jérôme Estaquier - CNRS, Université Paris V-USPC - Paris (FR) / CHU de Québec Research Center - Québec (CA): T follicular helper cells in the context of infectious diseases

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17:30-19:00 **Myeloid cells**

Amphi. Gaston Berger

Chairs: **Véronique Witko-Sarsat** - Institut Cochin, Inserm, CNRS, Université Paris V-USPC - Paris (FR) and **Régis Josien** - Centre de Recherche en Transplantation et Immunologie, Inserm - Nantes (FR)

- **Marc Dalod** - Centre d'Immunologie de Marseille-Luminy, Université Aix-Marseille, Inserm, CNRS - Marseille (FR): Broad and largely concordant molecular changes mark tolerogenic and immunogenic dendritic cell maturation in thymus and periphery
- **Ana-Maria Lennon-Duménil** - Institut Curie, Inserm - Paris (FR): Lysosome signaling controls the migration of dendritic cells

Selected short oral presentations

- **Julie Helft** - The Francis Crick Institute - London (UK): Early hematopoietic commitment of the human dendritic cell lineage
- **Laurent Reber** - Institut Pasteur - Paris (FR): Neutrophil myeloperoxidase diminishes the toxic effects and mortality induced by lipopolysaccharide
- **Hélène Salmon** - Icahn School of Medicine at Mount Sinai - New York (US): Expansion and activation of CD103+ dendritic cell progenitors at the tumor site transform tumor response to PD-L1 and BRAF inhibition

20:00

Congress dinner

Restaurant le Train Bleu

PROGRAM

WEDNESDAY 30 NOVEMBER

08.00-08.30	Welcome coffee	<i>Espaces S1/S2</i>
08.30-10.00	PLENARY SESSION: Pierre Grabar Lectures Chairs: <i>Philippe Kourilsky</i> - Collège de France - Paris (FR) and <i>Pierre Golstein</i> - Centre d'Immunologie de Marseille-Luminy, Inserm, CNRS, Université Aix-Marseille (FR) • Federica Sallusto - Institute for Research in Biomedicine - Bellinzona (CH): Human T cell repertoires in immunity, autoimmunity and allergy • Mark Davis - Stanford University (US): Nature, nurture and the $\alpha\beta$ T cell receptor repertoire	<i>Amphi. Gaston Berger</i>
10.00-10.45	Coffee break - Visit of exhibition - Poster session	<i>Espaces S1/S2</i>
	PARALLEL SESSIONS	
10.45-12.15	Activation and effector molecules in T cell immune responses Chairs: <i>Anne-Sophie Korganow</i> - Institut de Biologie Moléculaire et Cellulaire, Université de Strasbourg, CNRS - Strasbourg (FR) and <i>Armand Bensussan</i> - Inserm, Université Paris VII-USPC - Paris (FR) • Geneviève de Saint Basile - Institut Imagine, Inserm, Université Paris V-USPC - Paris (FR): Lymphocyte cytotoxicity in immune homeostasis: learning from the study of primary cytotoxicity-deficiencies • Bernard Malissen - Centre d'Immunologie de Marseille-Luminy, Université Aix-Marseille, Inserm, CNRS - Marseille (FR): Toward an integrative biology of T cells and dendritic cells Selected short oral presentations • Ulf Gehrman - Institut Curie - Paris (FR): Epigenetic control of naïve CD4⁺ T cell plasticity • Geoffrey Guittard - Centre de Recherche en Cancérologie de Marseille (FR): Cish actively silences TCR signaling in CD8⁺ T cells to maintain tumor tolerance • Émilie Ronin - Centre d'Immunologie et des Maladies Infectieuses, Inserm, Université Paris VI, Sorbonne Universités - Paris (FR): Role of NFkB in the biology of FoxP3⁺ regulatory T cells at steady state and during inflammation	<i>Amphi. Gaston Berger</i> 
10.45-12.15	Allergic, effector and suppressive responses Chairs: <i>Benoît Salomon</i> - Centre d'Immunologie et de Maladies Infectieuses, Inserm, Université Paris VI-Sorbonne Universités - Paris (FR) and <i>Jean-François Nicolas</i> - Centre International de Recherche en Infectiologie, Inserm, Univ. Lyon1 - Pierre-Bénite (FR) • Sebastian Amigorena - Institut Curie, Inserm - Paris (FR): Antigen presentation and T cell activation by dendritic cells • Pierre Bruhns - Institut Pasteur, Inserm - Paris (FR): Mechanisms of allergic shock in humans: results from the multicentric NASA study Selected short oral presentations • Séverine Bézie - Inserm - Nantes (FR): A new population of human IFNγ⁺IL-10⁺IL-34⁺ secreting CD8⁺CD45R^{low} Tregs efficiently inhibits anti-donor immune response • Bénédict Machiels - Institute for Fundamental and Applied Research in Animal Health - Liège (B): A respiratory γherpesvirus infection protects against allergic asthma through alveolar recruitment of regulatory monocytes • Biliana Todorova - Institut Pasteur - Paris (FR): In vivo whole body imaging of allergic shock	<i>Salle Louis Armand Est</i>

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10:45-12:15 **Swiss Society for Allergy and Immunology (SSAI): Infection and inflammation** *Salle Louis Armand Ouest*



Chair: Stéphanie Hugues - University of Geneva Medical School - (CH)

- **Michel Gilliet** - Centre Hospitalier Universitaire Vaudois - Lausanne (CH): Recruitment and activation of plasmacytoid dendritic cells in injured skin is controlled by commensal bacteria
- **Annette Oxenius** - Swiss Federal Institute of Technology - Zurich (CH): Regulation of adaptive immunity during viral infections
- **Nicola Harris** - École Polytechnique Fédérale de Lausanne (CH): Impact of helminth-microbiota interactions on inflammation and immunity

12:15-13:45 **Lunch - Coffee - Visit of exhibition - Poster session** *Espaces S1/S2*

13:00-13:45 **SFI General Assembly** *Amphi. Gaston Berger*

13:45-14:45 **PLENARY SESSION: Dysregulation of the immune system** *Amphi. Gaston Berger*

Chairs: Lucienne Chatenoud - Institut Necker Enfants Malades, Inserm, CNRS, Université Paris V-USPC - Paris (FR) and

Pierre-André Cazenave - Institut Pasteur, Inserm - Paris (FR)



- **Bart Lambrecht** - VIB Inflammation Research Center - Gent (B): New insights in the molecular mechanism of the hygiene hypothesis
- **Christophe Benoist** - Harvard Medical School - Boston (US): Quantum mechanics of immunological tolerance

PARALLEL SESSIONS

14:45-16:15 **Neuroinflammation** *Salle Louis Armand Ouest*

Chairs: Yolande Richard - Institut Cochin, Inserm, CNRS, Université Paris V-USPC - Paris (FR) and **Roland Liblau** - Centre de Pathophysiologie Toulouse Purpan, Inserm, CNRS, Université de Toulouse III - Toulouse (FR)



- **Burkhard Becher** - University of Zurich (CH): How T cells talk to myeloid cells: the new bad guys in autoimmunity
- **Yanick Crow** - Institut Imagine, Inserm, Université Paris V-USPC - Paris (FR): Human type I interferonopathies
- **Simon Fillatreau** - Institut Necker Enfants Malades, Inserm, CNRS, Université Paris V-USPC - Paris (FR): Immunosuppressive activities of B cells and plasma cells

Selected short oral presentations

- **Laurie Baert** - Institut pour l'Avancée des Biosciences - La Tronche (FR): CNS-derived APRIL triggers an IL-10 anti-inflammatory response from astrocytes in multiple sclerosis
- **Xuan-Hung Nguyen** - Centre de Physiopathologie Toulouse Purpan - Toulouse (FR): Use of an animal model to dissect how an adjuvanted influenza vaccine triggers narcolepsy with cataplexy

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14:45-16:15 **Intracellular immunity** *Salle Louis Armand Est*

Chairs: **Myriam Labelette** - Inflammation Research International Center, Université de Lille - Lille (FR) and **Claire HIVROZ** - Institut Curie, Inserm - Paris (FR)

- **Monsef Benkirane** - Institut de Génétique Humaine, CNRS - Montpellier (FR): Restriction Factors are key determinants of viral susceptibility and latency
- **Olivier Schwartz** - Institut Pasteur, CNRS - Paris (FR): HIV spread and antiviral humoral responses

Selected short oral presentations

- **Anne Jarry** - Université de Nantes (FR): The inflammasome of tumor cells modulates the biology of Tumor Infiltrating T lymphocytes (TILs) in colorectal cancer
- **Nadia Jeremiah** - Institut Curie - Paris (FR): Intrinsic anti-proliferative activity of the innate sensor STING in T lymphocytes
- **Clémence Richetta** - Centre d'Immunologie et des Maladies Infectieuses, Inserm, Université Paris VI, Sorbonne Universités - Paris (FR): Autophagy does not influence HIV replication in productively infected dendritic cells

14:45-16:15 **Mucosal immunity** *Amphi. Gaston Berger*

Chairs: **Bach-Nga Pham** - Hôpital Universitaire, Université Champagne Ardennes - Reims (FR) and **Paul Guglielmi** - Université de Montpellier, Inserm - Montpellier (FR)

- **Nadine Cerf-Bensussan** - Institut Imagine, Inserm, Université Paris V-USPC - Paris (FR): Segmented filamentous bacterium: an unusual symbiont that instructs the development of the gut immune barrier
- **Béatrice Romagnolo** - Institut Cochin, Inserm, CNRS, Université Paris V-USPC - Paris (FR): Intestinal inhibition of Atg7 prevents tumor initiation through a microbiome-influenced immune response and suppresses tumor growth

Selected short oral presentations

- **Ahmed Abidi** - Institut de Transplantation Urologie-Néphrologie - Nantes (FR): Interleukin-22-binding protein (IL-22BP) regulates IL-22 functions during gut homeostasis
- **Jehane Fadlallah** - Centre d'Immunologie et des Maladies Infectieuses, Inserm, Université Paris VI-Sorbonne Universités - Paris (FR): Perturbed host/microbial symbiosis associated to selective human IgA deficiency
- **Jordi Gouilly** - Centre de Physiopathologie Toulouse Purpan - Toulouse (FR): Nkp30/NCR3 and Nkp44/NCR2 microenvironment-induced alternative spliced variants orchestrate NK cell effectors functions

16:15-17:15 **Prizes - Conclusion** *Amphi. Gaston Berger*

17:15 **Meeting closure**