SUNDAY, 1 SEPTEMBER 2024

AUDITORIUM | 15:15-16:15
PLENARY SESSION 1
Chairs: Marcos Lopez Hoyos (Spain), Duygu Sag (Turkey)

15:15  Humoral innate immunity in COVID-19
       Cecilia Garlanda (Italy)

15:40  Discussion

15:45  Type 2 immunity: macrophages, matrix & metazoan parasites
       Judith E. Allen (United Kingdom)

16:10  Discussion

AUDITORIUM | 16:15-17:00
KEYNOTE LECTURE 1
Chairs: Mark Coles (United Kingdom), Carsten Watzl (Germany)

16:15  Immune checkpoint inhibition in cancer therapy: mechanisms of
       CTLA-4 and PD-1 blockade
       James P. Allison (USA)

16:50  Discussion
MONDAY, 2 SEPTEMBER 2024

AUDITORIUM | 08:30-09:45
EFIS PRESIDENTS SYMPOSIUM
Chairs: Christine Falk (Germany), Federica Sallusto (Switzerland)

08:30  Translating cytokine signaling
        John O'Shea (USA)

08:50  Autoimmunity against cytokines
        Anne Puel (France)

09:10  TBA
        Virginia Pascual (USA)

09:30  Discussion

LIFFEY B | 08:30-09:45
SYMPOSIUM - CANCER IMMUNOLOGY
Chairs: Joanne Lysaght (Ireland), Magdalena Winiarska (Poland)

08:30  Utilising immune modulatory miRNAs (im-miRs) to overcome immune evasion
        Barbara Seliger (Germany)

08:50  Targeting pro-tumour innate immune cells to enhance cancer immunotherapy
        Vincenzo Bronte (Italy)

09:10  Unconventional T cells in cancer
        Seth Coffelt (United Kingdom)

09:30  Discussion
MONDAY, 2 SEPTEMBER 2024

AUDITORIUM | 10:30-11:45
SYMPOSIUM - ALLERGY
Chairs: Hamida Hammad (Belgium), Björn Rúnar Ludviksson (Iceland)

10:30 Trajectories of tolerance in young allergic children
Eva Sverremark Ekstrom (Sweden)

10:50 Coeliac disease
Ludvig Sollid (Norway)

11:10 Respiratory immunity and allergy
Philipp Starkl (Austria)

11:30 Discussion

LIFFEY B | 10:30-11:45
SYMPOSIUM - CANCER IMMUNOTHERAPY
Chairs: Enrico Lugli (Italy), Vera Martins (Portugal)

10:30 Harnessing tissue immunity for enhanced immunotherapy
Ana Luísa Correia (Portugal)

10:50 T cell antigens for cancer
Andrew Sewell (United Kingdom)

11:10 Immune checkpoint blockade
Padmanee Sharma (USA)

11:30 Discussion
MONDAY, 2 SEPTEMBER 2024

LIFFEY A | 10:30-11:45
SYMPOSIUM - FUTURE IMMUNOTHERAPY AND VACCINE APPROACHES
Chairs: Stefánia P. Bjarnarson (Iceland), Ihsan Gursel (Turkey)

10:30  Advances in attenuated viral vaccines
       Volker Thiel (Switzerland)

10:50  Intracellular antibodies to block protein-protein interactions and
       antibody paratope-derived compounds for targeting leukaemia
       Terence Rabbitts (United Kingdom)

11:10  Engineered tregs as anti-inflammatory therapeutics
       Markus Feuerer (Germany)

11:30  Discussion

AUDITORIUM | 11:55-12:40
KEYNOTE LECTURE 2
Chairs: Güher Saruhan Direskeneli (Turkey), Bojan Polic (Croatia)

11:55  Metabolic and neural regulation of immunity and cancer
       Tak Mak (Canada)

12:30  Discussion
MONDAY, 2 SEPTEMBER 2024

AUDITORIUM | 14:15-15:30
SYMPOSIUM - ACTERIA SYMPOSIUM: NOT SO STERILE INFLAMMATION, AFTER ALL
Chairs: Eduardo Bonavita (Italy), Anne Hosmalin (France)

14:15 Liver macrophages between lipids and stellate cells
Charlotte Scott (Belgium)

14:35 Neuron immune interactions in allergy
Nicolas Gaudenzio (France)

14:55 Regulation of monocyte-to-macrophage trajectories in the healthy and diseased lung
Thomas Marichal (Belgium)

15:15 Discussion

LIFFEY B | 14:15-15:30
SYMPOSIUM - STROMAL CELLS IN IMMUNOLOGY
Chairs: Marion Espéli (France), Aideen Ryan (Ireland)

14:15 Reticular cell immune cell crosstalk
Burkhard Ludewig (Switzerland)

14:35 Strategies to use lymphatic vasculature to tune immune function
Amanda Lund (USA)

14:55 B cell expansion hinders the stroma-epithelium regenerative cross talk during mucosal healing
Eduardo Villablanca (Sweden)

15:15 Discussion
MONDAY, 2 SEPTEMBER 2024

AUDITORIUM | 15:55-17:10
SYMPOSIUM - AUTOIMMUNITY
Chairs: Margarita Dominguez-Villar (United Kingdom), Adrian Hayday (United Kingdom)

15:55  γδ T cell selection by BTNL proteins limits progression of IBD
Robin Dart (United Kingdom)

16:15  Microglial function in autoimmunity
Ari Waisman (Germany)

16:35  Identifying novel MAIT cell-specific antigens in Type 1 diabetes through
drug discovery approaches
Iria Gomez-Touriño (Spain)

16:55  Discussion

LIFFEY B | 15:55-17:10
SYMPOSIUM - NEUROIMMUNOLOGY
Chairs: Denise Fitzgerald (United Kingdom), Rana Karabudak (Turkey)

15:55  Neural control of anti-inflammatory pathways
Gianluca Matteoli (Belgium)

16:15  IL-2 and regulatory T cells in the nervous system
Adrian Liston (United Kingdom)

16:35  Type I IFNs in neurodegeneration
Shohreh Issazadeh-Navikas (Denmark)

16:55  Discussion
TUESDAY, 3 SEPTEMBER 2024

AUDITORIUM | 08:30-09:45
SYMPOSIUM - INNATE IMMUNITY TO VIRUSES
Chairs: Evangelos Andreakos (Greece), Sylvia Knapp (Austria)

08:30 cGAS-STING-NFkB is an ancient antiviral pathway
Rune Hartmann (Denmark)

08:50 Role of DNA damage and microbiota in antiviral immunity
Nelson Gekara (Sweden)

09:10 Lung mononuclear cells in respiratory tract infections
Anna Smed-Sörensen (Sweden)

09:30 Discussion

LIFFEY B | 08:30-09:45
SYMPOSIUM - PLASMA CELLS
Chairs: Andreas Radbruch (Germany), Marieke Van Ham (The Netherlands)

08:30 Recruitment of plasma cells to the bone marrow upon vaccination and infection
Mir-Farzin Mashreghi (Germany)

08:50 Plasma cell responses to SARS-CoV-2 vaccines
Rita Caturelli (Italy)

09:10 Regulatory plasma cells
Simon Fillatreau (France)

09:30 Discussion
TUESDAY, 3 SEPTEMBER 2024

AUDITORIUM | 10:30-11:45
SYMPOSIUM - THE FUTURE OF LEADERSHIP IN ACADEMIA / CHALLENGES FOR LEADERSHIP IN ACADEMIA
Chairs: Gunnur Deniz (Turkey), Myriam Nabhan (Ireland)

10:30  Impostors, role models and the “lean in” fad: the path to diversity & equality is riddled with traps (and promising practices!)
Christopher Begeny (United Kingdom)

11:00  Leading diverse teams
Silvie Klein-Franke (Switzerland)

11:30  Discussion

LIFFEY B | 10:30-11:45
SYMPOSIUM - RESOLUTION OF INFLAMMATION
Chairs: Attila Bacsi (Hungary), Jesmond Dalli (United Kingdom)

10:30  The STING-IFN type I axis in resolving inflammation and fibrosis
Amiram Ariel (Israel)

10:50  Regulation of T-Cell immune responses by pro-resolving lipid mediators
Sylvaine You (France)

11:10  Apoptosis and wound repair - resolving a perplexing match
Adriano Rossi (United Kingdom)

11:30  Discussion
TUESDAY, 3 SEPTEMBER 2024

AUDITORIUM | 11:55-12:55
PLENARY SESSION 2
Chairs: Arne Akbar (United Kingdom), Meritxell Genescà (Spain)

11:55 How a break in mitochondrial endosymbiosis might lie at the heart of inflammatory diseases
Luke O’Neill (Ireland)

12:20 Discussion

12:25 The monocyte / macrophage link, revisited
Steffen Jung (Israel)

12:50 Discussion

AUDITORIUM | 14:30-15:45
SYMPOSIUM - TISSUE RESIDENT T MEMORY CELLS
Chairs: Frode Jahnsen (Norway), Kingston Mills (Ireland)

14:30 Human tissue resident cells in skin and mucosal membranes
Georg Stary (Austria)

14:50 Tissue resident T cells in psoriasis
Liv Eidsmo (Denmark)

15:10 Tissue resident memory T cells to urinary tract infection
Molly Ingersoll (France)

15:30 Discussion
TUESDAY, 3 SEPTEMBER 2024

LIFFEY A | 14:30-16:30
SYMPOSIUM - EASTERN STARS Awardees Symposium
Chairs: Peter Balogh (Hungary), Winfried Pickl (Austria)

14:30 Immune cell crosstalk during neuroinflammation
Marina Babić Čač (Croatia)

14:45 Role of secretory leukocyte protease inhibitor (SLPI) on local upper respiratory and systemic immune responses
Mieszko Wilk (Poland)

15:00 Manipulation of T cell memory to enhance vaccine efficiency
Felix Wensveen (Croatia)

15:15 NLRP3 inflammasome activation
Iva Hafner-Bratkovic (Slovenia)

15:30 The role of intestinal ILC3 in CNS autoimmunity
Dorde Miljkovic (Serbia)

15:45 The molecular basis of T-cell memory
Ondrej Stepanek (Czech Republic)

16:00 Discussion

AUDITORIUM | 16:10-17:25
SYMPOSIUM - IMMUNOMETABOLISM
Chairs: Silvia Piconese (Italy), Guenter Weiss (Austria)

16:10 Immunometabolism of regulatory T cells in autoimmunity
Giuseppe Matarese (Italy)

16:30 Regulatory B cell immunometabolism
Claudia Mauri (United Kingdom)

16:50 Metabolic requirements of NK cells
David Finlay (Ireland)

17:10 Discussion
LIFFEY B | 16:10-17:25
SYMPOSIUM - B CELL - MUCOSA CROSSTALK
Chairs: Rudi Hendriks (The Netherlands), Eva Piano Mortari (Italy)

16:10 A spatially resolved atlas of the human lung characterizes a gland-associated immune niche
Kerstin Meyer (United Kingdom)

16:30 Metabolites and secretory immunoglobulins: messengers and effectors of the host-microbiota intestinal equilibrium
Stéphane Paul (France)

16:50 A self-sustaining layer of early-life-origin B cells drives steady-state IgA responses in the adult gut
Joan Yuan (Sweden)

17:10 Discussion
WEDNESDAY, 4 SEPTEMBER 2024

AUDITORIUM | 08:30-09:45
SYMPOSIUM - IMMUNE REGULATION AND TOLERANCE
Chairs: Silke Appel (Norway), Dominik Filipp (Czech Republic)

08:30  AIRE-mediated central tolerance
       Ludger Klein (Germany)

08:50  Targeted deletion of self reactive T cells
       Dmitriy Chudakov (Czech Republic)

09:10  AIRE and immune tolerance
       Pärt Peterson (Estonia)

09:30  Discussion

LIFFEY B | 08:30-09:45
SYMPOSIUM - SEX DIFFERENCES IN IMMUNE RESPONSES
Chairs: Darragh Duffy (France), Jean-Charles Guéry (France)

08:30  Consequences of sex differences in type I IFN responses
       for the regulation of antiviral immunity
       Marcus Altfeld (Germany)

08:50  Sexual dimorphism in immunity and ageing
       Jennifer C. Regan (United Kingdom)

09:10  Sex differences in immune response across human populations in health
       and disease
       Mihai Netea (The Netherlands)

09:30  Discussion
WEDNESDAY, 4 SEPTEMBER 2024

LIFFEY A | 08:30-09:45
SYMPHOSIUM - NOVEL APPROACHES TO UNDERSTAND IMMUNE SYSTEM DIVERSITY
Chairs: Reinhold Foerster (Germany), Doris Wilflingseder (Austria)

08:30 Mapping the temporal and spatial dynamics of the human immune system  
Roser Vento-Tormo (United Kingdom)

08:50 Innovative models to enhance generation of neutralizing antibodies  
Facundo Batista (USA)

09:10 Single-cell genomics to study developmental immunology  
Cecilia Dominguez (Italy)

09:30 Discussion

AUDITORIUM | 11:15-12:30
SYMPHOSIUM - DIVERSITY OF INNATE LYMPHOID CELLS
Chairs: Dominique Bullens (Belgium), Ivana Stojanović (Serbia)

11:15 Inflammation triggers ILC3 patrolling of the intestinal barrier  
James Di Santo (France)

11:35 ILC heterogeneity in inflammatory conditions  
Chiara Romagnani (Germany)

11:55 ILC heterogeneity in cancer  
Guido Ferlazzo (Italy)

12:15 Discussion
WEDNESDAY, 4 SEPTEMBER 2024

LIFFEY B | 11:15-12:30
SYMPOSIUM - HOST-MICROBE INTERACTIONS
Chairs: Miloslav Kverka (Czech Republic), Irma Schabussova (Austria)

11:15 What makes molecular patterns of pathogens different from structures of commensals
Peter Sebo (Czech Republic)

11:35 Immune-microbe interactions early in life
Petter Brodin (Sweden)

11:55 Microbiota and psychiatric disorders
John Cryan (Ireland)

12:15 Discussion

AUDITORIUM | 13:30-14:15
KEYNOTE LECTURE 3
Chairs: Tracy Hussell (United Kingdom), Jacek Witkowski (Poland)

13:30 TBA
Yasmine Belkaid (France)

14:05 Discussion
WEDNESDAY, 4 SEPTEMBER 2024

AUDITORIUM | 14:25-15:40
SYMPOSIUM - YEFIS: EMERGING YOUNG EUROPEAN SCIENTISTS
Chairs: Yasmine Belkaid (France), Annika Hausmann (Denmark)

14:25 Tumour immune evasion mechanisms and regulatory T cells
Nuria Garcia Diaz (Norway)

14:40 Post-transcriptional checkpoints in autoimmunity
Rami Bechara (France)

14:55 Systems immunology and female immune system
Tal Pecht (Germany)

15:10 Immune cells and tissue microenvironment
Matteo Villa (Austria)

15:25 Discussion

LIFFEY B | 14:25-15:40
SYMPOSIUM - AI/COMPUTATIONAL MODEL APPLICATION TO THE IMMUNE SYSTEM
Chairs: Kathrin De la Rosa (Germany), Johannes Textor (The Netherlands)

14:25 Computational and experimental tools to decipher, read, predict and re-engineer antibody and T-cell repertoires
Victor Greiff (Norway)

14:45 Computational immunology on T cells
Inge Wortel (The Netherlands)

15:05 Germinal centre modeling
Michael Meyer-Hermann (Germany)

15:25 Discussion
WEDNESDAY, 4 SEPTEMBER 2024

LIFFEY A | 14:25-15:40
SYMPOSIUM - THE DENDRITIC CELL FAMILY
Chairs: Federica Benvenuti (Italy), Marco Cassatella (Italy)

14:25  IDO in DC functions
Francesca Fallarino (Italy)

14:45  Human DC development and heterogeneity
Venetia Bigley (United Kingdom)

15:05  Targeting glycans for DC manipulation in therapy
Yvette Van Kooyk (The Netherlands)

15:25  Discussion