

PROGRAMME

Wednesday 9 December 2026

09:00 – 09:45 Registration & coffee

Room: **Rotonde**

09:45 **Opening by Wilfred Germeraad**

10:00 **Keynote lecture**

Human immunity through the lens of mitochondrial genetics

Leif Ludwig, Berlin Institute for Medical Systems Biology, Germany

10:55 – 12:30 Parallel sessions

Session 1: Tumor Immunology and Immune Therapy

Room: **Rotonde**

10:55 **From antigen recognition to cancer therapy: engineering next-generation $\gamma\delta$ TCR-based immunotherapies**

Dennis Beringer, UMC Utrecht

11:25 **T-cell receptor-engineered T cells efficiently target acute myeloid leukemia with different types of NPM1 mutations**

Eva Argiro, LUMC

11:40 **Sponsor pitch**

11:45 **Allosteric inhibition of SIRP α with BYON4652 unleashes neutrophil effector functions and cytotoxicity against antibody-opsinized tumor cells**

Leonie Behrens, Amsterdam UMC

12:00 **PLA2G2D in tumour-draining lymph nodes regulates anti-tumour immunity**

Anneloes van Krimpen, Erasmus MC

12:15 **CHD4 restrains effector differentiation and function of CD8⁺ T cells**

Kaspar Bresser, Sanquin

Session 2: Adaptive Immunology

Room: **Boston 9**

10:55 **Autoreactive T cell immunity in inflammatory peripheral neuropathies**

Danielle Latorre, IRCCS San Raffaele Hospital, Milan, Italy

11:25 **Microvilli formation in T cells is dependent on tetraspanin CD53**

Angelique Kenyon, Radboudumc

11:40 **Sponsor pitch**

11:45 **Same input, different output: Inhibition of ERK signalling preserves regulatory T cell Identity during TCR activation**

Brenda Raud, Sanquin

12:00 **Atypical memory B cells undergo clonal expansion and affinity maturation during repeated malaria exposures**

Emil Colstrup, LUMC

12:15 Naïve and memory B cells from patients with systemic autoimmune disease show epigenetic alterations at key loci implicated in autoimmunity

Anne Onrust-Van Schoonhoven, Erasmus MC

Session 3: Immune metabolism

Room: [Boston 19](#)

10:55 **t.b.c.**

Luciana Berod, University Medical Center Mainz, Germany

11:25 Hypoxia in T-cell immunity: a barrier to overcome or a tool to harness?

Michel Driessen, Sanquin

11:40 **Sponsor pitch**

11:45 Impact of an anti-inflammatory diet on pain, quality of life and inflammation in endometriosis: a feasibility study

Loutje van der Sman, Radboudumc

12:00 Failure to coordinate fatty acid uptake and oxidation drives lipid accumulation in T cells from chronic lymphocytic leukaemia patients

Nienke Goedhart, Amsterdam UMC

Session 4: Mucosal immunity and Allergy

Room: [Cambridge 30](#)

10:55 **t.b.c.**

Andrew McDonald, University of Edinburgh, UK

11:25 Defining the role of gut-homing memory ex-Th17/Th1* cells in modulating neutrophil transcriptome in a subgroup of severe pediatric Crohn's disease patients

Esmée Boute, Erasmus MC

11:40 **Sponsor pitch**

11:45 Secretory IgA selectively shapes cytokine responses via FcαRI in human myeloid cells.

Willianne Hoepel, LUMC

12:00 Prolonged glucocorticoid exposure drives developing mast cells towards a novel immunoregulatory phenotype

Thomas van de Kreeke, Radboud University Nijmegen

12:15 How immune history shapes responses to emerging viruses: lessons from SARS-CoV-2 and seasonal coronaviruses for pandemic preparedness

Gijsbert van Nierop, Erasmus MC

Session 5: Emerging methodology or disease models

Room: [Cambridge 32](#)

10:55 **t.b.c.**

Anthal Smits, Eindhoven University of Technology

11:25 Development of a Patient-Derived 3D Synovial Organoid Platform for Personalized Drug Testing in Rheumatoid Arthritis

Amber Dassen, Amsterdam UMC

11:40 **Sponsor pitch**

11:45 Monocytes modulate fibroblast activation in a 3D human skin model of systemic sclerosis

Sara Parsa, UMC Utrecht

- 12:00 **Developing an in vitro model for immune-mediated aplastic anemia using iPSC-derived hematopoietic stem/progenitor cells and autoreactive T cells**
Renée Wijmenga, LUMC
- 12:15 **A stratified intestinal co-culture model with phenotypically relevant immune phenotypes displays resilience to infection and promotes homeostasis through bactericidal activity in absence of overt inflammation**
Donovan O'Brien, Wageningen University

12:30 – 13:20 Lunch at Atrium

Room: [Boston 9](#)

12:35 – 13:15 General Assembly NVvi

Room: [Rotonde](#)

13:20 **Keynote lecture**

NK cell memory and clonality

Chiara Romagnani, Charité - Universitätsmedizin Berlin, Germany

Room: [Atrium](#)

14:05 – 15:00 Poster viewing: Odd poster numbers

14:45 – 15:30 Coffee/tea break at Atrium

15:30 – 17:05 Parallel sessions

Session 6: Tumor Immunology and Immune Therapy

Room: [Rotonde](#)

- 15:30 **Neutralization of IL12/IL23 p40 subunit mitigates immune checkpoint blockade-induced toxicity while preserving antitumor efficacy**
Disha Vadgama, Erasmus MC
- 15:45 **Leukotriene B4 acts via C-X-C motif chemokine ligand 8/interleukin-8 to attract and activate neutrophils to induce IgA-mediated antibody dependent cellular cytotoxicity**
Patricia Olofsen, UMC Utrecht
- 16:00 **CMAS loss reveals tumor sialylation as a regulator of myeloid cell dynamics and t-cell activation during lung cancer progression**
Mostafa Shaarawy, Amsterdam UMC
- 16:15 **Sponsor pitch**
- 16:20 **Inhibitory Nectin-2/TIGIT interactions between CD163+ macrophages and CD8+ T cells in spatially defined immune niches associated with poor outcomes in neuroblastoma**
Francisca Bergsma, Prinses Maxima Centrum
- 16:35 **Induction of antigen-specific tolerance in vitiligo using vitamin D3-loaded nanoparticles**
Emma Holtappels, Amsterdam UMC
- 16:50 **Actin-like protein 8 is a novel target for TCR-engineered T cells to treat colorectal cancer**
Rui Coelho, Erasmus MC

Session 7: Adaptive Immunology

Room: [Boston 9](#)

- 15:30 **T-box and RUNX factors program epigenetic priming for memory recall in human CD8⁺ T cells**
Mieke Metzemaekers, Erasmus MC
- 15:45 **Notch Helps Anti-tumor CD8 T Cells: From Priming to Battle**
Ariana Herrera Torres, Sanquin
- 16:00 **Decoding Treg aging in atherosclerosis: from immune (dys)function to therapeutic expansion**
Romy Dijkland, Leiden University - LACDR
- 16:15 **Sponsor pitch**
- 16:20 **Phenotyping of vaccine-induced Influenza-specific B cell responses in elderly**
René Raeven, RIVM
- 16:35 **CD20 expression demarcates a brain-infiltrating CD4⁺ cytotoxic T-cell precursor in progressive multiple sclerosis**
Anna Pelser, Erasmus MC
- 16:50 **How Foreign-Self Protein Complexes Could Lead to Loss of Tolerance in anti-neutrophil cytoplasmic antibody-associated vasculitis**
Helena Keek, LUMC

Session 8: Autoimmunity and Neuroimmunology

Room: [Boston 19](#)

- 15:30 **From inflammation to autoimmunity: understanding immune dysfunction in SLE**
Jolien Suurmond, LUMC
- 16:00 **Shared Neuronal and Glial Autoantibodies Link Long COVID to other Post-Acute Infection Syndromes**
Noa Keijzer, Amsterdam UMC
- 16:15 **Sponsor pitch**
- 16:20 **A liposomal inverse vaccine protects mice from arthritis and experimental autoimmune encephalomyelitis**
Daniel Sáenz Fernández, Utrecht University
- 16:35 **Mapping Autoantibodies in Multiple Sclerosis Disease Trajectories**
Jeen Engelenburg, Erasmus MC
- 16:50 **Microbial-derived Topoisomerase I can initiate and maintain the autoreactive B-cell response in patients with Systemic Sclerosis**
Tessa Liesker, LUMC

Session 9: Vaccinology

Room: [Cambridge 30](#)

- 15:30 **RNA vaccines, the balance between inflammation and expression for immunogenicity**
John Tregoning, Imperial College London, UK
- 16:00 **Impaired humoral and cellular immune response in children who received MMR vaccine below 12 months of age**
Maaïke van der Staak, RIVM
- 16:15 **Sponsor pitch**
- 16:20 **Distinct baseline immune signatures associate with CD8⁺ T cell response to yellow fever vaccination in rural and urban Tanzania**
Ross Laidlaw, LUMC

- 16:35 **Both ageing and frailty status impact vaccine-induced transcriptomic profiles : results from the VITAL cohort**
Manas Joshi, UMC Groningen
- 16:50 **Mucosal BCG revaccination after intradermal priming underscores the importance of local immunity for protection against pulmonary tuberculosis.**
Marloes Rietveld, BPRC

Session 10: Clinical and Medical Immunology

Room: [Cambridge 32](#)

- 15:30 **Autoimmunity as a cause of post – acute infection syndromes?**
Jeroen den Dunnen, Amsterdam UMC
- 16:00 **Memory T-cell persistence and primary T-cell responses after CD19 CAR T-cell therapy**
Cilia Pothast, LUMC
- 16:15 **Pro-inflammatory cytokines enhance trophoblast invasion by modulating trophoblast–decidual interactions**
Bart G.J. Moerings, Radboudumc
- 16:30 **Targeting myeloid cells via immune inhibitory receptors as novel therapeutic strategy for immune-mediated inflammatory diseases**
Margreet Westerlaken, UMC Utrecht
- 16:45 **Effects of anifrolumab treatment on immunological pathways in patients with Sjögren's disease**
Christina Haroun, UMCG

17:05 – 18:00 Friendship Drinks at Atrium

17:05 – 18:00 yNVvi Speed dates (incl. drinks) at Boston 9

18:00 – 19:30 Dinner at Restaurant

Room: [Rotonde](#)

Chair: Rudi Hendriks

- 19:40 **Van Bekkum Thesis Award Ceremony**
Chair: Annemiek van Sriel
- 20:00 **Van Loghem Lecture**
Jolanda de Vries, Radboudumc

21:00 – 01:00 Congress Party with DJ at Sorbonne

Thursday 10 December 2026

08:30 – 09:00 Registration & coffee

09:00 – 10:15 Parallel sessions

Session 11: Tumor Immunology and Immune Therapy

Room: **Rotonde**

- 09:00 **JJP-1008: A novel HVEM/CD270-targeting antibody to overcome tumor immune evasion**
Agata Drewniak-Maksymów, JJP Biologics
- 09:15 **Live tracking of T-cell behavior in patient-derived 3D tumoroids**
Shaozhuo Huang, Erasmus MC
- 09:30 **Sex-biased T cell exhaustion links X chromosome regulation to anti-tumor immunity**
Nila Servaas, Sanquin
- 09:45 **T-Cell Receptors For Four New Hematopoietic-Restricted Minor Histocompatibility Antigens To Target Acute Myeloid Leukemia After Allogeneic Stem Cell Transplantation**
Georgia Koutsoumpli, LUMC
- 10:00 **Tumor Acidosis Boosts Antibody-Driven Cytotoxic Potential Of Neutrophils**
Maria Tsioumpekou, UMC Utrecht

Session 12: Tumor Immunology and Immune Therapy

Room: **Boston 9**

- 09:00 **Blocking the STAT3-DUSP axis mitigates immunotherapy mediated activation of Treg cells and improves cancer immunotherapy efficacy**
Githangely St. Hilaire, Erasmus MC
- 09:15 **Immune cells have a sweet tooth: new insights into galectin regulation of dendritic cell activity**
Laia Querol Cano, LUMC
- 09:30 **Characterization of glycans by liquid chromatography ion mobility mass spectrometry identifies Gb3 as potential therapeutic target for neuroblastoma**
Anne Borst, Prinses Maxima Centrum
- 09:45 **TWEAK–TWEAKR signaling as a regulator of persistent stromal inflammation in Multiple Myeloma**
Agnes Czetj, Erasmus MC
- 10:00 **Autoreactive and Non-Autoreactive B cells Before and After Mivocabtagene Autoleucel (miv-cel) CD19 CAR-T Cell Treatment in Refractory Rheumatoid Arthritis Patients**
Julia Giezen, LUMC

Session 13: Autoimmunity and Neuroimmunology

Room: **Boston 19**

- 09:00 **How Glycans influence B-cell Development**
Daphne Chen, LUMC
- 09:15 **Increased immune cell recruitment at the brain borders in advanced multiple sclerosis**
Cheng-Chih Hsiao, Netherlands Institute for Neuroscience

- 09:30 **Lymph node neutrophils in inflammatory arthritis: An unexpected journey through spatial analysis**
Nia Hudson, Amsterdam UMC
- 09:45 **T cells promote the resolution of inflammatory pain in mice through LAIR-1**
Femke de Krom, UMC Utrecht
- 10:00 **MuSK IgG1 Antibodies Fail to Induce Complement-Mediated Damage at the Neuromuscular Junction**
Dana Vergoossen, LUMC

Session 14: Innate Immunity

Room: [Cambridge 30](#)

- 09:00 **t.b.c.**
Menno de Winther, Amsterdam UMC
- 09:30 **Temporal multi-omics analysis of human ILC2s reveals a key role for common γ -chain cytokines in the early activation of ILC2s.**
Simone Olsthoorn, Erasmus MC
- 09:45 **Modelling Bacillus Calmette-Guérin vaccine-driven reprogramming of human myelopoiesis enables functional and mechanistic interrogation of myeloid development**
Robbin Kramer, Radboudumc
- 10:00 **Native long-read RNA sequencing of human monocytes reveals activation-induced alternative splicing toward functional isoforms**
Alejandra Bodelon de Frutos, UMC Utrecht

Session 15: Infection and Inflammation

Room: [Cambridge 32](#)

- 09:00 **Airway macrophages in chronic infection and inflammation in children**
Wendy Unger, Erasmus MC
- 09:30 **IL17F is a human genetic determinant of invasive pyogenic infections**
Gabriël Schut, UMC Utrecht
- 09:45 **Mapping antigen-specific B cell immunity to Mycobacterium tuberculosis across infection and vaccination**
Paula Niewold, LUMC
- 10:00 **Distinct intestinal inflammatory landscapes define response to JAK1 inhibition in ulcerative colitis**
Evelien Floor, UMC Utrecht

10:15 – 10:45 Coffee/tea break at Atrium

Room: [Rotonde](#)

- 10:45 **Keynote lecture**
Mitochondrial control of myeloid cell function
David Sancho, Spanish National Center for Cardiovascular Research, Madrid, Spain

Room: [Atrium](#)

11:30 – 12:25 Poster Viewing: Even numbers

12:00 – 13:00 Lunch at Atrium

Room: **Rotonde**

12:30 – 12:45 **Sponsored lecture by Pixelgen**

Room: **Rotonde**

13:00 **Keynote lecture**

Regulation of human T cell cytotoxicity - a novel modality to kill

Christina Zielinski, University of Cambridge, UK

13:45 – 16:50 EFIS on Tour Symposium

Room: **Rotonde**

Bright Spark Session

Chairs: Marianne Boes and Bojan Polic

13:45 Opening by Bojan Polic (President EFIS)

13:50 **Burnout prevention for CAR-T cells: how degradation-controlled resting sustains CAR-T cell function**

Ronja van Berkum, Prinses Máxima Centrum

14:05 **Antigen-specific single-cell profiling reveals distinct metabolic fitness of autoreactive B-cells in rheumatoid arthritis.**

Aegli Athanasiadou, LUMC

14:20 **Interleukin-2 production identifies a stem-like T cell factor-1+ memory CD8+ T cell state with enhanced differentiation and recall potential**

Ward Vleeshouwers, LUMC

14:35 **More than skin-deep? How antiviral responses in keratinocytes and Langerhans cells shape rabies virus infections at the cutaneous barrier**

Keshia Kroh, Erasmus MC

14:50 – 15:05 Coffee/tea break at Atrium

Room: **Rotonde**

Chairs: Bojan Polic and Annemiek van Sriel

15:05 **t.b.c.**

Carsten Watzl, EFIS Board, Leibniz Research Centre for Working Environment and Human Factors, Dortmund, Germany

15:25 **t.b.c.**

Vivien Kohlhaas, The Francis Crick Institute, UK

15:45 **Decoding stromal regulation of lymphoma: modelling the tumour-stroma niche in lymph nodes**

Lotte de Winde, Amsterdam UMC

16:05 **Keynote lecture**

Decoding human T-cell responses: from priming to tissue homing and effector function

Federica Salusto, ETH Zürich, Switzerland

16:50 Awards ceremony & Closing by Wilfred Germeraad

Poster Prize & Bright spark award