

Parallel Sessions Thursday December 16

	Room: Rotonde	Room: Boston 9	Room: Boston 19	Room: Cambridge 30	Room: Cambridge 32
	Autoimmunity & Allergy 1 Chairs: Edward Knol & Esther de Jong	Mucosal & Other Organ Specific Immunology Chairs: Ramon Roozendaal & Joke den Haan	Innate Immunity 1 Chairs: Alex de Vos en René Toes	Infection & Inflammation 1 Chairs: Hermelijn Smits en Cécile van Els	Satellite Symposium - Medical Immunology Chairs: Jan Damoiseaux & Ton Langerak
11:00 - 11:15	262 - Maazi, H. - Allergen immunotherapy is partially mediated by FOXP3+ regulatory T-cells	209 - Baptista, A.P. - Differential requirements for colonic patch and solitary intestinal lymphoid tissue formation within the colon	161 - Burgh, R. van der - Role for Rac1 signaling in the development of autoinflammatory disease	80 - Karnam, G. - CD200R controls gender-specific TLR7 responses to coronavirus infection	Hooijkaas, H. - Antinuclear Antibodies: past present, future
11:15 - 11:30	318 - GlouDEMANS, A.K. - Farm dust conditioned dendritic cells induce elevated levels of IgA and protect against experimental allergic airway inflammation.	51 - Wijk, F. van - Mature CD4 T helper cells change fate to CD8alpha+CD4 cytotoxic T cells in vivo	265 - Hout, M.W.M. van - Phagocytosis of IgA-coated bacteria triggers non-apoptotic cell death in neutrophils.	28 - Woltman, A.M. - Hepatitis B virus suppresses the functional interaction between natural killer cells and plasmacytoid dendritic cells	5 - Otten, H.G. - Chimerism of Dendritic Cell Subsets in Peripheral Blood after Lung Transplantation
11:30 - 11:45	116 - Willart, M.A.M. - IL-1RI signaling on lung epithelial cells is an important mechanism in allergic asthma	1 - Molenaar, R. - Expression of RALDH enzymes in DCs and stromal cells in gut draining lymph nodes is controlled by dietary vitamin A.	7 - Heiden, M.J.G. van - Respiratory virus infection induces 'long-lived' NK cells that are localized in the bone-marrow	297 - Beaumont, T. - Characterization of conformation-dependent human RSV specific IgGs for the prevention of lower respiratory tract infection.	47 - Hamann, D. - Antibodies against Aquaporin-4 in neuromyelitis optica: A nationwide survey
11:45 - 12:00	129 - Levani, Y. - Enforced Gata3 expression increases susceptibility to allergic airway inflammation in mice	127 - Brandao, C.I. - GITR triggering affects TH cell formation and enhances isotype-switching to IgA.	263 - Spaapen, R.M. - Interferon-β in the tumor microenvironment promotes host cell mediated tumor elimination independently from adaptive immunity	254 - Sarrami Forooshani, R. - Langerhans cells capture and internalize hepatitis C virus through Langerin: A protective role against virus transmission	55 - Jacobs, J.F.M. - Overestimation of serum free light chain concentration by immunonephelometry
12:00 - 12:15	235 - Ober-Blobaum, J.O. - β-catenin signalling in DCs attenuates immunity in allergic asthma	82 - Girard-Madoux, M.J.H. - Dendritic cells are targets of IL-10 to maintain immune homeostasis in the gut	320 - Mjosberg, J.M. - Innate lymphoid cell populations in human inflammatory bowel disease	109 - Huizinga, H.G. - Dendritic cell mediated B-cell proliferation by neuropathy-associated campylobacter: a role for type I interferon.	137 - Burg, M. van der - T-cells can blur the vision on severe combined immunodeficiency
12:15 - 12:30	246 - Vlugt, L.E.P.M. van der - Schistosomes induce IL-10 producing Breg cells that are involved in protection against allergic airway inflammation	74 - Pré, M.F. du - Increased numbers of circulating Foxp3+T-cells in adult and refractory celiac disease	237 - Gelder, M. van - Alloreactive NK cells cure mice from chemoresistant breast cancer	255 - Labuda, L. - CD1dhi B cells from Schistosoma haematobium-infected individuals show regulatory features: enhanced IL-10 production and less T cell activation	
	Autoimmunity & Allergy 2 Chairs: Andrea Ioan-Facsinay & Astrid van Halteren	Lymphocytes 1 Chairs: Hans Koenen & Reno Debets	Innate Immunity 2 Chairs: Stefan Nierkens & Wendy Unger	Tumor Immunology 1 Chairs: Sjoerd van der Burg & Jurgen Kuball	Satellite Symposium - Clinical Immunology
14:30 - 14:45	190 - Wohn, C. - Toll-like receptor signaling in dendritic cells is sufficient to mediate Imiquimod-induced psoriasis-like skin inflammation in mice	10 - Otto, S.A. - Thirty year follow up of the naive T cell compartment after neonatal thymectomy due to cardiac surgery	210 - Wevers, B.A. - Innate signaling by dectin-2 directs anti-fungal immunity	37 - Bergen, C.A.M. van - Discovery of 10 new minor histocompatibility antigens by whole genome association scanning	Weyand, C. - Pathophysiology of giant cell arteritis
14:45 - 15:00	138 - Wehrens, E.J.M. - Functional human regulatory T cells fail to control autoimmune inflammation due to PKB hyperactivation of effector cells	142 - Klein Wolterink, R.G.J. - GATA-3 seals Notch-induced T cell development	33 - Laar, L. van de - Tight control of STAT5 activity determines human CD34-derived interstitial dendritic cell and Langerhans cell development	125 - Norde, W.J. - PD-1/PD-L1 interactions contribute to functional impairment of CD8+ T cells targeting hematopoietic-restricted minor histocompatibility antigens	
15:00 - 15:15	133 - Garcia Vallejo, J.J. - Homeostatic interaction of CNS myelin with DC-SIGN-expressing microglia prevents neuroinflammation	304 - Schotte, R. - High affinity ligands lead to thymocyte maturation, but may result in functionally crippled T cells	118 - Steen, L.P.E. van der - Cross-linking of neutrophil FcαRI by IgA-antigen complexes induces severe tissue damage in ulcerative colitis	287 - Voort, R. van der - Combination therapy of allogeneic bone marrow transplantation, donor lymphocyte infusion and dendritic cell vaccination induces superior graft-versus-melanoma responses.	
15:15 - 15:30	154 - Suurmond, J. - IL-17 producing mast cells in synovium of anti-citrullinated protein antibody-positive and -negative rheumatoid arthritis patients	219 - Legrand, N. - Functional CD47/SIRP(α) interaction is required for optimal human T and NK cell homeostasis in vivo	8 - Vlist, M. van der - HIV-1 exploits innate signaling by DC-SIGN and Toll Like Receptor 8 for productive infection of Dendritic Cells	13 - Hobo, W.A. - siRNA silencing of PD-L1 and PD-L2 on dendritic cells augments expansion and function of minor histocompatibility antigen-specific CD8+ T cells	
	Educational Track 1	Lymphocytes 2 Chairs: Hans Koenen & Reno Debets	Infection & Inflammation 2 Chairs: Martijn Nolte & Cees van Kooten	Tumor Immunology 2 Chairs: Sjoerd van der Burg & Jurgen Kuball	Satellite Symposium - Clinical Immunology
16:00 - 16:15	Kroesen, B.J. - Micro RNA immune system by Bart Jan Kroesen	228 - Hendriks, R.W. - Highly restricted usage of VH14 family gene segments in SLP65-deficient pre-B cell leukemia	178 - Jager, C.A. de - Toll Like Receptor-5 deficiency inhibits atherosclerosis by attenuation of T helper-1 responses	6 - Vermeij, R. - An uncontrolled phase II study of the P53-SLP® vaccine combined with low-dose cyclophosphamide for epithelial ovarian cancer	Melief, K. - Vaccination against HPV16 oncoproteins for vulvar intraepithelial neoplasia
16:15 - 16:30		261 - Tiemessen, M.M. - The nuclear effector of Wnt-signaling, T-cell factor 1 (TCF1), functions as a tumor suppressor during T-cell lymphoma development.	253 - Heutinck, M. - Defense mechanisms in renal tubular epithelial cells mediated by the viral dsRNA sensors TLR3, MDA5 and RIG-I	29 - Fransen, M.F. - Local reprogramming of tumor-specific T-cells by anti-CD40 agonistic antibodies allows systemic anti-tumor immunity with low toxicity	Netea, M. - Human Dectin-1 deficiency and mucocutaneous fungal infections
16:30 - 16:45	Spriet, A. van - Tetraspanins	90 - He, X. - Mycophenolic acid-mediated suppression of human CD4+ T-cells: more than mere guanine nucleotide deprivation	58 - Marijnissen, R.J. - Increased IL-22 expression by synovial Th17 cells during late stages of arthritis is controlled by IL-1 and enhances bone degradation	282 - Perdicchio, M.P. - Differences in linkage of sialic acids on antigens determines induction of either immunity or tolerance	Cohen Tervaert, J.W. - Rituximab versus cyclophosphamide in ANCA associated renal vasculitis. New Engl J Med 2010;363:211-220
16:45 - 17:00		143 - Hombrink, P. - Mixed functional characteristics of the pMHC-multimer reactive T-cell pool within the naïve T-cell repertoire	100 - Plantinga, T.S. - Crohn's disease associated ATG16L1 polymorphism modulates proinflammatory cytokine responses selectively upon activation of NOD2.	299 - Singh, S.K. - Design of neo-glycoconjugates that target the Mannose Receptor and enhance TLR independent cross-presentation and Th1 polarization	

Parallel Sessions Friday December 17

	Room: Rotonde	Room: Boston 9	Room: Boston 19	Room: Cambridge 30	Room: Cambridge 32
	Autoimmunity & Allergy 3 Chairs: Erik Lubberts & TBC	Lymphocytes 3 Chairs: Bianca Blom & Rudi Hendriks	Antigen Presentation 1 Chairs: Björn Clausen & Marianne Boes	Tumor Immunology 3 Chairs: Thorbald van Hall & Toos Daemen	Clinical Immunology 1 Chairs: Jolanda de Vries & Sacha Zeerleder
09:00 - 09:15	131 - Coquet, J.M. - The CD27/CD70 pathway epigenetically silences IL-17 expression in Th-17 cells and attenuates associated autoimmunity	40 - Gisbergen, K.P.J.M. van - Costimulatory CD27 selects against high-affinity CD8 T-cells to maintain polyclonality for protection against heterologous viruses	119 - Borst, J.G. - The Invariant chain transports TNF family member CD70 to MHC Class II compartments in dendritic cells	191 - Heemskerk, B. - Antigen-reactivity of tumor infiltrating lymphocytes used for adoptive cell therapy in patients with metastatic melanoma	216 - Vries, J.F. de - The novel Calicheamicin-conjugated CD22 antibody Inotuzumab Ozogamicin (CMC-544) effectively kills primary pediatric acute lymphoblastic leukemia cells
09:15 - 09:30	102 - Plantinga, T.S. - NOD1 polymorphism causes aggravated bone destruction in patients with rheumatoid arthritis.	164 - Gerlach, C. - Inequality of clonal output of individual naive T cells during infection	91 - Broeke, A.G. ten - Newly synthesized and not endosomally stored MHC class II is used for antigen presentation by dendritic cells at inflammatory conditions.	25 - Guichelaar, T. - Bone marrow neutralizes human regulatory T-cells to permit Graft-versus-Tumor immunity in humanized mice	145 - Burg, M. van der - What causes immunodeficiency in patients with the Nijmegen Breakage Syndrome?
09:30 - 09:45	231 - Kel, M. - TGFβ-mediated control of dendritic cell function is essential to maintain self-tolerance	212 - Groot, R. de - Viruses prime human Langerhans cells to express CD70, enhancing their capacity to induce CD8+ effector T cell responses	136 - Garcia Vallejo, J.J. - Quantitative and dynamic analysis of DC-SIGN-mediated internalization and intracellular routing using imaging flow cytometry	60 - Jacobs, J.F.M. - Dendritic cell vaccination in combination with anti-CD25 monoclonal antibody treatment, a phase I/II study in metastatic melanoma patients	158 - Radstake, T.R.D.J. - Proteome wide analysis identifies the chemokine CXCL4 as a clinical marker that drives critical pathological events in systemic sclerosis.
09:45 - 10:00	245 - Koenen, H.J.P.M. - Activated T cells induce a psoriasisform inflammatory phenotype in human skin equivalents	122 - Veraar, E.A.M. - The Pim kinase pathway contributes to survival signaling in primed CD8+ T cells upon CD27 costimulation	220 - Horst, D. - Epstein-Barr Virus TAP Inhibitor Exploits Host Tail-Anchored Protein Integration Machinery for T Cell Evasion	331 - Straetemans, T. - TCR-engineered T cells directed against a human tumor antigen elicit a strong anti-Melanoma response in HLA-A2 transgenic mice	187 - Ijspeert, H. - RAG1 mutations resulting in N-terminal truncation give a broad spectrum of clinical phenotypes
	Educational Track 2	Lymphocytes 4 Chairs: Bianca Blom & Rudi Hendriks	Antigen Presentation 2 Chairs: Björn Clausen & Marianne Boes	Tumor Immunology 4 Chairs: Thorbald van Hall & Toos Daemen	Clinical Immunology 2 Chairs: Cees Kallenberg & TBC
11:30 - 11:45	Jong, E. de - Dendritic Cell Subsets	2 - Zaiss, D.M.W. - Mast cell-derived Amphiregulin enables regulatory T cells to suppress local inflammation	39 - Mangsbo, S.M. - In Vivo Formed Antigen-Antibody Complexes Facilitate Antigen Uptake by Dendritic Cells and Lead to Enhanced T cell Responses	157 - Zeelenberg, I.S. - Antigen localization controls T-cell mediated tumor immunity or tolerance	115 - Zouwen, B. van der - Hematopoiesis-specific T cells can induce graft-versus-host-disease during an ongoing profound graft-versus-leukemia reaction due to ICAM-1 mediated induction of collateral damage
11:45 - 12:00		203 - Karrich, J.J. - The ETS transcription factor SPI-B regulates pDC survival through induction of the anti-apoptotic gene BCL2A1.	162 - Kruijsen, D. - Serum antibodies critically affect virus specific CD4+/CD8+ T cell balance during RSV infections	54 - Rygiel, T.P. - The CD200/CD200R axis induces tolerance and suppresses anti-tumor responses by control of the T regulatory/T effector cell balance	45 - Boor, P.P.C. - Human plasmacytoid dendritic cells induce CD8+CD38+CTLA-4+LAG-3+ regulatory T cells that suppress alloreactive memory T cells
12:00 - 12:15	Samsom, J.N. - Mucosal immunity	117 - Zelm, M.C. van - The CD19-CD81 complex is required for optimal B-cell antigen receptor maturation and selection against autoreactivity	139 - Buschow, S.I. - Quantitative proteomics of human dendritic cell phagosomes.	93 - Stam, A.G.M. - Increased type-2/Th17 T cell rates are associated with favorable clinical outcome in prostate cancer patients treated with Prostate GVAX/anti-CTLA-4 immunotherapy.	95 - Santegoets, S.J.A.M. - The induction of autoantibodies to PSMA, PNPO and NRP2 correlates with clinical outcome in patients treated with Prostate GVAX/anti-CTLA-4 immunotherapy.
12:15 - 12:30		170 - Roock, S. de - PD-1/PD-L1 interaction induces high numbers of regulatory T cells in human cord blood compared to adult blood cells	251 - Streng-Ouwehand, I. - Glycan modification of antigen to enhance Th1 skewing and induction of CD8 T-cells through cross presentation	86 - Nierkens, S. - Plasmacytoid dendritic cells determine the in vivo function of conventional dendritic cells in tumor immunotherapy.	290 - Broek, T. van den - Programmed Death-1 receptor expression on regulatory T cells may play a crucial role in immune therapy for rheumatoid arthritis