



16th International Symposium on Dendritic Cells 2022

9-13 October 2022 | Pullman Cairns International

Poster Presenter	Paper Title	Theme	Session Day	Poster Number
Aarushi Caro	scRNA-sequencing of mouse and human tumors reveals new cDC2 subsets	Tumour immunology	Wednesday, Thursday	34
Amir Ghaemmaghami	Immune-instructive polymers with the ability to generate immunogenic DC and induce efficient tumour killing cytotoxic T cells	DC Development & activation	Sunday, Monday, Tuesday	31
Amy Hodge	Antigen presentation by dendritic cell-derived apoptotic bodies within an influenza virus infection model	Antigen presentation	Wednesday, Thursday	6
Angus Shoppee	New perspectives on immunotherapy: A multi-organ study of immune checkpoint expression across DC subsets	DC Development & activation	Sunday, Monday, Tuesday	49
Anouk Becker	The origin, development, and phenotypic hallmarks of tumor-induced CD14 ⁺ -cDC2s	Tumour immunology	Wednesday, Thursday	25
Ashley Firth	Perturbed S-palmitoylation cycles alter protein trafficking in dendritic cells	DC Development & activation	Sunday, Monday, Tuesday	30
Barnabas Nyesiga	A platform targeting CD40 to deliver neoantigens to dendritic cells	Antigen presentation	Wednesday, Thursday	9
Beatriz Monsanto De Campos De Subtil	Dendritic cell phenotype and function in a 3D model of patient-derived metastatic colorectal cancer organoids	Tumour immunology	Wednesday, Thursday	30

Bruno Vaslin	Multiple compartment transcriptome analysis of plasmacytoid dendritic cells reveals tissue-specific IFN-orchestrated transcription programs evolving from acute to chronic SIV infection and emergency hematopoiesis in acute stage.	Immunity to infection	Wednesday, Thursday	22
Bryan Gardam	Phenotyping Dendritic Cells in Glioblastoma Patients Compared to Healthy Donors	Tumour immunology	Wednesday, Thursday	51
Can Altunbulakli	Spatial proteomic characterization of the tumor microenvironment of tonsillar cancer	Tumour immunology	Wednesday, Thursday	43
Chase Burton	Leveraging L-fucose-mediated signaling to induce monocyte-derived dendritic cell polarization	Tumour immunology	Wednesday, Thursday	38
Chieh Yu Lee	Plasmacytoid dendritic cells enhance T-independent B cell response	Immunity to infection	Wednesday, Thursday	24
Christian H.K. Lehmann	Dendritic cells are involved in the resolution of inflammation by IVIg in arthritis	Allergy/Autoimmunity/Transplantation	Sunday, Monday, Tuesday	11
Christina Eich	The tubulin-modifying enzyme TLL4 governs Langerhans cell morphology and migration	DC Development & activation	Sunday, Monday, Tuesday	34
Cindy Audiger	Single-cell RNA sequencing reveals how cDCs heterogeneity is affected during systemic inflammation	DC Development & activation	Sunday, Monday, Tuesday	45
Cristiano De Sá Fernandes	Epigenetic regulation of Dendritic Cell differentiation by Histone Deacetylase 1 (HDAC1)	DC Development & activation	Sunday, Monday, Tuesday	28
Damya Laoui	Vaccination with tumor-derived conventional dendritic cells delays spontaneous lung metastasis.	Tumour immunology	Wednesday, Thursday	33
David Gomez Jimenez	Single-cell analysis of myeloid cells in HPV+ tonsillar cancer	Tumour immunology	Wednesday, Thursday	46
Devi Jenika	In Vivo Assembly of Epitope-coated biopolymer particles that induce anti-tumor responses	Antigen presentation	Wednesday, Thursday	4
Dipyaman Ganguly	Novel regulatory events in endosomal toll-like receptor activation in human plasmacytoid dendritic cells: bicarbonate and polyamine transport	DC Development & activation	Sunday, Monday, Tuesday	50
Doo-Jin Kim	Extracellular nucleoprotein exacerbates influenza virus pathogenesis by activating Toll-like receptor 4 and the NLRP3 inflammasome	Immunity to infection	Wednesday, Thursday	20

Dorottya Horváth	NPR1 stimulates differentiation, modulates function of Langerhans cells	DC Development & activation	Sunday, Monday, Tuesday	38
Elizabeth Hill	Collaboration of therapeutic IL12p40 with localized IL12p35 focuses immunity to the tumor microenvironment and limits systemic inflammation.	Tumour immunology	Wednesday, Thursday	50
Erica Longmuir-Vine	CD14 expressing cells and their role in HIV transmission	Immunity to infection	Wednesday, Thursday	18
Fabiola Osorio	Regulation of antitumor dendritic cell function by the unfolded protein response sensor IRE1	Tumour immunology	Wednesday, Thursday	48
Fatema Nasrin	Corneal dendritic cell subsets alter with increased BMI and cholesterol	DC Development & activation	Sunday, Monday, Tuesday	53
Felix Bayerl	Transcriptional Programming of cDC1 Dysfunctionality by PGE2 limits anti-tumour Immunity	Tumour immunology	Wednesday, Thursday	37
Florian Hornsteiner	Dendritic cells in tumor-targeted therapy mediated anti-tumor immunity	Tumour immunology	Wednesday, Thursday	45
Florianne Hafkamp	Liposomal adjuvant Vitamin D3 shifts human Th17 cell development to regulatory T cells	Allergy/Autoimmunity/Transplantation	Sunday, Monday, Tuesday	1
Floris Van Eerden	TCR binding to a peptide-MHC complex raises a drawbridge for CD3 cross-membrane signaling	Antigen presentation	Wednesday, Thursday	10
Freja Warner Van Dijk	Defining Mononuclear Phagocytes in Inflamed Anogenital Tissue and their Role in HIV Acquisition	Antigen presentation	Wednesday, Thursday	1
Georgina Clark	Opposing responses of DC and monocytes to CD300f signalling highlight the balance of the immune response	Tumour immunology	Wednesday, Thursday	49
Gillian Nyesiga	Tolerogenic Dendritic Cells Generated by a Novel Protocol as a Therapeutic Platform for Induction of Immune Tolerance	Allergy/Autoimmunity/Transplantation	Sunday, Monday, Tuesday	8
Glaivy Batsuli	Classical Dendritic Dells Drive Factor VIII Immunity in Hemophilia A Mice	Allergy/Autoimmunity/Transplantation	Sunday, Monday, Tuesday	9
Greta Webb	Dissecting the integration of cytokine signals by DC2s that contribute to TH2 priming	Allergy/Autoimmunity/Transplantation	Sunday, Monday, Tuesday	7
Gustav Jonsson	CBL-B inhibits dendritic cell activation and restricts downstream CD8 T cell responses	Tumour immunology	Wednesday, Thursday	26
Hannah De Cleene	Role of Slc7a11 in dermal dendritic cells	Barrier immunity	Sunday, Monday, Tuesday	16

Howard Ma	Regulation of Dendritic Cells Development by Metabolic Enzymes COX6A2 and ATP5D	DC Development & activation	Sunday, Monday, Tuesday	51
Hyung-Geun Moon	Heterogeneity of lung cDC2 and its functional role in asthma pathogenesis	Allergy/Autoimmunity/Transplantation	Sunday, Monday, Tuesday	5
Iris A. E. Van Der Hoorn	Mapping Dendritic Cell-Subsets in the Tumor Microenvironment by Multiplex Immunohistochemistry	Tumour immunology	Wednesday, Thursday	31
Jacinta Smith	Chemokines initiate the Herpes Simplex Virus relay through human DCs	Immunity to infection	Wednesday, Thursday	13
Janin Chandra	Viral and chemical induced epithelial neoplasia results in an impairment of Langerhans cell function leading to enrichment of regulatory T cells.	Tumour immunology	Wednesday, Thursday	28
Jelena Lakus	Enhanced β -catenin signaling in CD11c+ cells ameliorates allergic asthma	Allergy/Autoimmunity/Transplantation	Sunday, Monday, Tuesday	10
Jeniffer Loaiza Naranjo	PD-1+CD4+ T cells induce cross-regulation mediated by CD11b+XCR1- dendritic cells.	Allergy/Autoimmunity/Transplantation	Sunday, Monday, Tuesday	13
Jenny Valladeau-Guilemond	IDENTIFICATION OF THE DENDRITIC CELL LANDSCAPE IN HUMAN TUMORS BY MULTI-IMMUNOFLUORESCENCE AND scRNASEQ	Tumour immunology	Wednesday, Thursday	41
Ji-Hee Nam	Pdlim4 is essential for CCR7-JNK-mediated dendritic cell migration and F-actin-related dendrite formation	DC Development & activation	Sunday, Monday, Tuesday	23
Joanna Bandola-Simon	Dysfunction of dendritic cells in tumor-draining lymph nodes	Tumour immunology	Wednesday, Thursday	29
Johanna Bödder	Tailored PGE2 immunomodulation of dendritic cells by nano-encapsulated EP2/EP4 antagonists	Tumour immunology	Wednesday, Thursday	32
Jorge Cuenca Escalona	EP2/EP4 receptor targeting to overcome tumour-derived PGE2 immunosuppression on DCs	Tumour immunology	Wednesday, Thursday	35
Jung Hee Kang	The role of Type III interferon signalling in cDC1-targeting vaccination	DC Development & activation	Sunday, Monday, Tuesday	32
Jyotsna Batra	Effect of Single Nucleotide Variation in KLK3 gene, which encodes for Prostate Specific Antigen, on immune profile of prostate cancer	Tumour immunology	Wednesday, Thursday	53
Katherine Audsley	Identifying novel therapies using a model of Flt3L-mediated tumour suppression	Tumour immunology	Wednesday, Thursday	42

Kathryn Waller	Investigating cDC involvement in the pathogenesis of non-alcoholic fatty liver disease	DC Development & activation	Sunday, Monday, Tuesday	25
Kaushik Sen	NCoR1 regulates HIF-1 α driven glycolysis and CPT1-mediated b-oxidation to govern tolerance in dendritic cells	Antigen presentation	Wednesday, Thursday	8
Kayla Wilson	Figuring out Flt3 expression and regulation in DCs.	DC Development & activation	Sunday, Monday, Tuesday	37
Kerrie Sandgren	Human lymph node explant model for studying vaccine adjuvants	Immunity to infection	Wednesday, Thursday	14
Kevin Hu	Developing a spatial atlas of HIV target cells in human tissue	Barrier immunity	Sunday, Monday, Tuesday	15
Kirsteen Tullett	Clec9A trafficking pathways enable cross-presentation of dead cell antigen.	Antigen presentation	Wednesday, Thursday	5
Kirstie Bertram	Understanding Human Epidermal Dendritic Cell Populations	Barrier immunity	Sunday, Monday, Tuesday	17
Leanne Helgers	Specific vaginal microbiota enhance HIV-1 transmission by Langerhans cells	Immunity to infection	Wednesday, Thursday	15
Liam O'brien	An <i>in vivo</i> model to study interactions between human Dendritic and Leukemia cells	Tumour immunology	Wednesday, Thursday	44
Lieve Van Der Donk	The Great Escape: SARS-CoV-2 evades sensing and suppresses dendritic cell function	Immunity to infection	Wednesday, Thursday	12
Linda Niemetz	Role of Dendritic Cells on Ebola Virus Disease	Immunity to infection	Wednesday, Thursday	17
Lukas Amon	A cross-tissue protein profiling atlas reveals distinct cDC2 subpopulations within the murine conventional dendritic cell network	DC Development & activation	Sunday, Monday, Tuesday	42
Marcela Morales Lopez	Overexpression of REST changes the immune phenotype in NETs	Tumour immunology	Wednesday, Thursday	52
Maria Abad	Monocyte-derived dendritic cells mediate direct presentation of HCMV epitopes to T cells	Antigen presentation	Wednesday, Thursday	2
Mariam Bafit	Interferons Influence Dendritic Cell Development	DC Development & activation	Sunday, Monday, Tuesday	22
Merilyn Hibma	Regulation of antigen presenting cells by large extracellular vesicles.	Antigen presentation	Wednesday, Thursday	3
Michael Chopin	IL-4 promotes the expansion of cross-presenting dendritic cells	DC Development & activation	Sunday, Monday, Tuesday	40

Michele Graciotti	A systematic comparison of whole tumor versus neoantigen dendritic cell vaccination in a lung cancer mouse model.	Tumour immunology	Wednesday, Thursday	36
Mohammad Ameen Al-Aghbar	Vitamin D3 Timing and Dosage Shapes Development of Tolerogenic Dendritic Cells	DC Development & activation	Sunday, Monday, Tuesday	24
Nadine Stempel	Non-toxic transfection of primary human monocyte-derived dendritic cells using nanostraws.	DC Development & activation	Sunday, Monday, Tuesday	41
Nayoon Jang	Induction of lymphoid clusters by stromal vascular fraction spheroids-based immunotherapy for enhancing anti-tumor immunity	DC Development & activation	Sunday, Monday, Tuesday	35
Nazneen Jahan	cGAS-STING signaling pathway is activated in response to daptomycin sensitive but not daptomycin resistant MRSA	Immunity to infection	Wednesday, Thursday	11
Nicholas Adams	Cohesin-mediated genome organization regulates dendritic cell differentiation and function	DC Development & activation	Sunday, Monday, Tuesday	26
Olivier Lamiable	ILC2-derived IL-13 drives the differentiation of dermal CD11b ^{lo} cDC2	DC Development & activation	Sunday, Monday, Tuesday	27
Pablo Silveira	Anti-Mouse CD83 Antibody Targeting Mature Dendritic Cells Confers Protection from Autoimmune Arthritis	Allergy/Autoimmunity/Transplantation	Sunday, Monday, Tuesday	4
Patrizia Stoitzner	Langerhans cells are crucial regulators of the early immune response to high dose UVB	Barrier immunity	Sunday, Monday, Tuesday	14
Peck Tan	Differential Type I and Type III Interferons Regulation of Dendritic Cells	DC Development & activation	Sunday, Monday, Tuesday	47
Perry Ayn Mayson Maza	Inotodiol induces characteristic maturation of dendritic cells through GSK-3beta inhibition	DC Development & activation	Sunday, Monday, Tuesday	21
Ralf Agger	Development of a dendritic cell-targeting vaccine against cancer	Tumour immunology	Wednesday, Thursday	47
Saehae Kim	Complement C5a promotes antigen cross-presentation by Peyer's patch monocyte-derived dendritic cells and drives a protective CD8 ⁺ T cell response	Immunity to infection	Wednesday, Thursday	19
Sandra Maréchal	Notch signaling controls cDC1 maturation	DC Development & activation	Sunday, Monday, Tuesday	19
Sang Chul Park	Fms-like tyrosine kinase 3-independent dendritic cells are potent directors of Th2 immune responses in asthmatic mice	Allergy/Autoimmunity/Transplantation	Sunday, Monday, Tuesday	2

Sara Tomei	The Loxcode mouse deciphers dendritic cells lineage relationships <i>in Vivo</i>	DC Development & activation	Sunday, Monday, Tuesday	46
Satomi Komori	SIRP α maintains cDC2 survival by regulating the Nr4a3 expression	DC Development & activation	Sunday, Monday, Tuesday	44
Seyed Mohammad Lellahi	FLT3L and GM-CSF improve conventional dendritic cell viability and function	DC Development & activation	Sunday, Monday, Tuesday	29
Shraddha Gandhi	Vibrio cholerae cytolysin activates dendritic cells through engagement of a novel assembly of pattern recognition receptors	Immunity to infection	Wednesday, Thursday	23
Sihyeon Lee	CXCL13-overexpressed stromal vascular fraction spheroids induce in situ lymphoid clusters.	DC Development & activation	Sunday, Monday, Tuesday	36
Sina Tadayon	Lymphatic Endothelial Cell Activation and Dendritic Cell Transmigration are Modified by Genetic Deletion of Clever-1	Antigen presentation	Wednesday, Thursday	7
Sofie Rennen	Protein disulfide isomerase A5 (PDIA5), a mystery marker classifying cDC1s	DC Development & activation	Sunday, Monday, Tuesday	18
Sophia Maschalidi	Targeting Slc7a11 improves efferocytosis by dendritic cells and diabetic wound healing.	Allergy/Autoimmunity/Transplantation	Sunday, Monday, Tuesday	12
Stefanie Busold	Plant-derived bioparticles displaying major allergens are potent hypo-allergenic immune activators.	Allergy/Autoimmunity/Transplantation	Sunday, Monday, Tuesday	6
Sumit Sheoran	GPR183 Controls Localization and Survival of Hepatic Conventional Dendritic Cells	DC Development & activation	Sunday, Monday, Tuesday	43
Therese Cordero Dumit	Elucidating the effects of tumor-intrinsic double-stranded RNA sensing on dendritic cell function	Tumour immunology	Wednesday, Thursday	39
Thomas O'neil	Examining the epidermal mononuclear phagocyte landscape	DC Development & activation	Sunday, Monday, Tuesday	52
Vicki Stylianou	Liposome and lipid nanoparticle uptake in human lymph node explants	Immunity to infection	Wednesday, Thursday	16
Victor Bosteels	Cholesterol metabolic pathways at the decision point between tolerogenic and immunogenic dendritic cell maturation	DC Development & activation	Sunday, Monday, Tuesday	20
Xin Lai	Network- and systems-based re-engineering of dendritic cells with microRNAs for cancer immunotherapy	Tumour immunology	Wednesday, Thursday	40

Ya-Ru Yu	Type 1 conventional dendritic cells cooperate with marginal zone B cells to enhance T-independent humoral immune response	Immunity to infection	Wednesday, Thursday	21
Yideul Jeong	Nrp1+ DC plays crucial role in controlling EAE via induction and maintenance of Nrp1+Helios+ DP-Tregs.	Allergy/Autoimmunity/Transplantation	Sunday, Monday, Tuesday	3
Yu-Ling Hsiao	TLR7-type I IFN axis facilitates the differentiation of conventional dendritic cells during inflammation	DC Development & activation	Sunday, Monday, Tuesday	33
Zahra Elahi	New models of human dendritic cell biology	DC Development & activation	Sunday, Monday, Tuesday	48
Zoe Magill	The off-target effects of BRAF inhibitors on dendritic cells	Tumour immunology	Wednesday, Thursday	27
Zsófia Péntes	Effect of anandamide on human monocyte-derived Langerhans cell function	DC Development & activation	Sunday, Monday, Tuesday	39
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