



16th International Symposium on Dendritic Cells 2022
9 - 13 October 2022
Pullman Cairns International
Cairns, Australia

	Sunday, 09 October 2022
15:00	Registration Open
Room	Kuranda room
16:00	SYMPOSIUM WELCOME Acknowledgement to Country Symposium Opening Symposium Chair: Jose Villadangos
	<i>Chair: Jose Villadangos</i>
16:30	The curse of the DC subsets Ken Shortman
17:00	Dendritic cell immune modulation in cancer patients Jolanda de Vries - Derek Hart Memorial Lecture
Room	Daintree Pooldeck
18:00	WELCOME FUNCTION
	END OF DAY 1

As at 10 October 2022



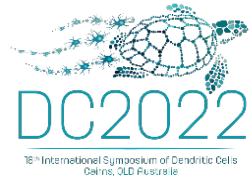
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	Monday, 10 October 2022
08:00	Registration Open
Room	Kuranda room
08:30	PLENARY SESSION 1
	<i>Chair: Sammy Bedoui</i>
08:30	Necrophagy, DaNGeRous indigestion and immunity to cancer Keynote Presentation: Caetano Reis e Sousa
09:15	TLR agonist and anti-tumor immunity Li Wu (Virtual presentation)
09:35	Understanding the role of DC subsets in the resolution of inflammation Diana Dudziak
09:55	Epstein-Barr virus and Multiple Sclerosis: Immune regulation and adoptive immunotherapy Rajiv Khanna
10:15	Morning Tea
11:00	PLENARY SESSION 2
	<i>Chair: Michael Chopin</i>
11:00	Stress reshapes local and systemic immune surveillance Yuting Ma (Virtual presentation)
11:30	Molecular mechanisms of monocyte differentiation into dendritic cells versus macrophages Elodie Segura
11:50	Mechanisms of virus recognition by plasmacytoid dendritic cells Boris Reizis
12:30	Sponsored talk Precision Microscopy and Tissue Cytometry in Immunology Research Rupert Ecker
Room	Exhibition Space

12:45	Lunch	
Room	Kuranda room	Mossman room
14:00	DC Development & Activation workshop	Allergy/Autoimmunity/Transplantation workshop
	<i>Chair: Shalin Naik & Barbara Schraml</i>	<i>Chair: Janin Chandra & Emma Hamilton-Williams</i>
14:00	15: Inositol requiring enzyme 1 controls homeostatic maturation of type 1 dendritic cells Sophie Janssens	Which roles do cDC1-specific transcription factors Id2 and Batf3 play in allogeneic skin graft rejection? Janin Chandra
14:15	35: STING activation in dendritic cells induces Interferon-Lambda and subset- and species-specific dendritic cell death Ee Shan Pang	31: Nanoparticles containing tolerogenic adjuvants induce regulatory circuits for treating autoimmunity and allergy Noémi Anna Nagy
14:30	45: Critical role of BATF in regulation of type I interferon production in plasmacytoid dendritic cells Shafaqat Ali	53: PLD3 and PLD4 limit autoinflammation through multiple sensors of RNA and DNA Amanda Gavin
14:45	144: Dendritic cells regulate peripheral T cell survival through the CD47-SIRP α signaling Yasuyuki Saito	92: CIS calibrates GM-CSF signalling strength to regulate macrophage polarization via a STAT5-IRF8 axis Shengbo Zhang
15:00	157: BMP7 plus TGF- β 1 cooperation directing Axl DC2 differentiation in the inflamed psoriatic epidermis Magdalena Lang	93: A nucleolar GAR/RGG motif activates dendritic cell maturation Junjie Chen
Room	Exhibition Space	
15:15	Break	
Room	Kuranda room	
	PLENARY SESSION 3	
	<i>Chair: Maripia Degli-Esposti</i>	
16:05	Dissecting the mechanism of action of therapeutic cancer vaccines Lelia Delamarre	
16:25	Clinical dendritic cell (DC) vaccination: An overview of the Antwerp experience with immunogenic and tolerogenic DC Zwi Bernemann	
16:45	Trained resident macrophages reduce cancer development by locally accumulating tissue-resident g/d T cells after sepsis Antoine Roquilly	

Room	Tully room
16:45	Poster Session
	END OF DAY 2

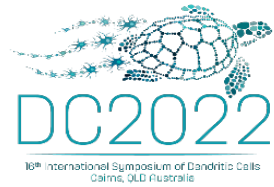
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	Tuesday 11 October 2022
08:00	Registration Open
Room	Kuranda room
	PLENARY SESSION 4
	<i>Chair: Justine Minter</i>
08:30	<input type="checkbox"/> Transitional Dendritic Cells are a Novel Source of cDC2 Juliana Idoyaga
08:50	Understanding Cancer Immunity as a Collection of Immune Archetypes Matthew Krummel
09:10	Heterogeneity and function of conventional dendritic cells from early to adult life Barbara Schraml
09:30	Dendritic cell development at a clonal level: adding confusion to the controversies Shalin Naik
11:45	Tour
	Please visit the Registration Desk for more information.
	END OF DAY 3

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	Wednesday, 12 October 2022
08:00	Registration Open
Room	Kuranda room
	PLENARY SESSION 5
	<i>Chair: Meredith O'Keeffe</i>
08:30	Dermal cDC1 in health and disease Sandrine Henri
09:00	Innate signal integration by cDC1 into antiviral T cell immunity Sammy Bedoui
09:20	Programming lineage diversity in DCs Stephen Nutt
09:40	Stromal cells regulation of DC – T cell interactions Mariapia Degli-Esposti
10:00	Morning Tea
	PLENARY SESSION 6
10:30	<i>Chair: Jan Boettcher</i>
10:30	Decoding the developing human immune system Muzlifah Haniffa (Virtual Presentation)
11:00	The maternal microbiome regulates respiratory disease susceptibility in the offspring via effects on neonatal DC haematopoiesis Simon Phipps
11:20	The thin line between pDCs and cDCs Roxanne Tussiwand
11:40	Molecular regulation of Clec9A-mediated damage recognition and antigen-presentation in cDC1 Mireille Lahoud
Room	Exhibition Space
12:00	LUNCH
Room	Kuranda room Mossman room

	Antigen Presentation workshop	Immunity to Infection workshop
	<i>Chair: Amanda Gavin & Philippe Pierre</i>	<i>Chair: Andrew Harman & Antoine Roquilly</i>
13:30	181:Pooled genome-wide screen of Dendritic cell cross-presentation of cell-associated tumor antigens Markus Brown	New insights into human tissue dendritic cells and HIV Andrew Harman
13:45	52: Lymphatic Endothelial Cell Activation and Dendritic Cell Transmigration are Modified by Genetic Deletion of Clever-1 Sina Tadayon	77: Immunotherapy of chronic virus infections: exhausted CD8+ T cell subsets are differentially regulated by XCR1+ DC Andreas Meyerhans
14:00	57: Immune synapse instructs epigenomic and transcriptomic functional reprogramming in dendritic cells Diego Calzada Fraile	84: Prevotella Timonensis structures affect cellular uptake mechanisms and enhance HIV-1 susceptibility Marleen Van Smoorenburg
14:15	110: The neonatal Fc receptor regulates the presentation of antigens targeted to the dendritic cell receptor DEC205 Christophe Macri	95: Neutralizing antibodies restores homeostasis after SARS-CoV-2 infection Marta Bermejo Jambrina
14:30	119: Characterising plasmacytoid and myeloid AXL+ SIGLEC6+dendritic cells responses in initial HIV infection Najla Nasr	101: Induction of dendritic cells paralysis following recovery from sepsis or severe trauma causes immunosuppression: from mechanisms to immunotherapies Mitra Ashayeripannah
14:45	150: Display of native antigen on cDC1 with spatial access to B and T cells underlies effective humoral response to vaccination Thiago M. Steiner	160: An in situ quantitative map of initial DC dynamics during human colorectal HIV transmission Heeva Baharlou
15:00	Break	
	PLENARY SESSION 7	
	<i>Chair: Hubertus Hochrein</i>	
15:30	Role of renal DCs in kidney infection, autoinflammation and fibrosis Christian Kurts	
15:55	Importance of the MAF1 transcriptional repressor and of the casein kinase 2 signaling axis for the functional activation of dendritic cells by LPS Philippe Pierre	
16:15	Langerhans cells are an essential cellular intermediary in chronic dermatitis Holly Anderton	
16:35	Panel discussion on DC nomenclature Panellist: Florent Ginhoux Roxanne Tussiwand Ken Shortman Shalin Naik	

17:35	Poster Session
	END OF DAY 4

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Thursday, 13 October 2022	
08:00	Registration Open
Room	Kuranda room
	PLENARY SESSION 8
	<i>Chair: Kristen Radford</i>
08:30	The Ever-expanding DC Universe: Lineages versus States Florent Ginhoux
09:00	ZEB1 expression by cDC1s is crucial for the maintenance of the splenic cDC1 and macrophage populations Charlotte Scott (Virtual Presentation)
09:20	Unexpected roles for ubiquitin in dendritic cell immunity Justine Mintern
09:40	□ Flt3L treatment induces a stem-like population of CD8+ T cells Paul Beavis
10:00	Morning Tea
Room	Kuranda room Mossman room
10:30	Barrier Immunity workshop Tumor Immunology workshop
	<i>Chair: Patrizia Stoitzner & Tony Cunningham</i> <i>Chair: Pilar Dominguez & Rajiv Khanna</i>
10:30	Dendritic cells in skin cancer Patrizia Stoitzner 89: Epigenetic remodeling of pDCs enhances anti-tumor immunity in leukemia Pilar Dominguez
10:45	76: SARS-CoV-2 susceptibility depends on heparan sulfates expressed by dendritic cells Julia Eder 170: Development of an mRNA-loaded autologous dendritic cell immunotherapy for non-small cell lung cancer Sandra van Lint

11:00	112: E-cadherin governs LC homeostasis and function in the oral mucosa Anna Brand	105: Galectin-mediated interactions are essential in governing dendritic cell anti-melanoma immunity Laia Querol Cano
11:15	124: DC-intrinsic Retinoic Acid and Lymphotoxin Beta Receptor signals are required for the homeostatic maintenance of T-bet expressing cDC2 in the spleen but not the mesenteric lymph nodes Albert Nguyen	140: Conventional Dendritic cells drive the generation of polyfunctional and antitumor ST2+ NK cells Nathalie Bendriss-Vermare
11:30	162: A novel lineage of RORgt+ antigen presenting cells instructs intestinal tolerance Chrysothemis Brown	99: Tumour imaging-based deep learning predicts anticancer immunity determined by functional cDC1/CD8+T cell clustering Philippa Meiser
11:45	91: A Novel Langerin Expressing Type 2-Conventional Dendritic Cell Is Significantly Decreased In Crohn's Disease Doyle Chloe	165: β 2-Integrin Adhesion Regulates Dendritic Cell Epigenetic and Transcriptional Landscapes to Restrict Dendritic Cell Maturation and Tumor Rejection Susanna Fagerholm
Room	Exhibition Space	
12:00	Lunch	
Room	Kuranda room	
	KEYNOTE PRESENTATION II	
	<i>Chair: Meredith O'Keeffe & Kristen Radford</i>	
13:30	Understanding the spectrum of human ILC3 and ILC3-like cells in antigen presentation Keynote Presentation: Marco Colonna	
14:15	CLOSING CEREMONY	
Room	Daintree Pooldeck	
18:00	SYMPOSIA GALA DINNER	
	END OF DAY 5	