

NK2015

15th Meeting of the Society for Natural Immunity

May 2-6, 2015
Montebello, Québec, Canada



Photo: Fairmont Hotels and Resorts

ORGANIZED BY:

André Veillette, Montréal, QC, Canada
Kevin Kane, Edmonton, AB, Canada
Andrew Makrigiannis, Ottawa, ON, Canada
Silvia Vidal, Montréal, QC, Canada

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Local Organizing Committee

André Veillette, IRCM, Montreal, QC, Canada

Kevin Kane, University of Alberta, Edmonton, AB, Canada

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Coordinator

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David Raulet, University of California, Berkeley, CA, USA

Joseph Sun, Memorial Sloan Kettering Cancer Center, New York, NY, USA

Zhigang Tian, University of Science & Technology of China, Hefei, China

Eric Vivier, CIML, Marseille, France

Carsten Watzl, IfADO, Dortmund, Germany

Wayne Yokoyama, Washington University, St. Louis, MO, USA

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Wayne Yokoyama, Washington University, St. Louis, MO, USA

General Information

Meeting Location & Registration Desk:

The meeting takes place in Outaouais Room 1 & 2 of Fairmont Le Chateau Montebello (Address: 392, Notre Dame, Montebello, QC, Canada J0V 1L0).

The registration desk is near the reception desk of the hotel on May 2 and after that, near the entrance of the Outaouais Room. Please, visit the registration desk upon arrival to collect your name tag and other documents. Please, wear your name tag at all times during the meeting.

Oral Presentation:

We ask all presenters to adhere strictly to their time slot: 15 minutes plus 5 minutes discussion for long talks and 8 minutes plus 2 minutes discussion for short talks. There is no computer available. Please bring your own computer and set it up on the table next to the podium, at least half an hour before the beginning of your session.

Poster Presentation:

A maximum space of 106 cm X 114 cm (3.5 feet x 3.75 feet) is available for each poster. Poster boards are located on the 1st floor of the hotel on the Mezzanine Canada and in the Canada Room. All boards are labelled with the abstract number.

There are will be three poster sessions:

Poster Session 1: Poster Numbers 1 - 83

Sunday, May 3rd, 7:00 PM - 9:00 PM

Poster Session 2: Poster Numbers 84 - 166

Monday, May 4th, 7:00 PM - 9:00 PM

Poster Session 3: Poster Numbers 167 - 250

Tuesday, May 5th, 3:10 PM - 5:10 PM

Meals:

Included in the registration fee are all coffee breaks, breakfasts, lunches, dinners and banquet. Coffee is served next to the Outaouais Room in Foyer Outaouais.

The Welcome Barbecue Dinner on May 2, 2015 takes place in Summer: Marquee (No. 12 on map on Pg. 23). All other meals take place in Aux Chantignoles Restaurant.

You are provided with meal coupons of different colours for all meals at the hotel. One different colour for each day. You should give your corresponding coupon to the waiter at the entrance of the restaurant.

Banquet:

The banquet dinner on May 5, 2015 at 7:00 PM - 10:00 PM, takes place in Aux Chantignoles Restaurant and you are given coupons of different colours according to your menu selection. You need to put your coupon on the table during the banquet dinner and the waiters will collect the coupons and serve your choice.

After-Banquet Entertainment:

After the banquet dinner, there is entertainment by the Tonic Band in the Curling Room (No. 25 on map on Pg. 23) starting after 10:00 PM.

SPONSORS:

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Travel Award Recipients

The following students or postdoctoral fellows have been awarded a Travel Award. Congratulations!

Elias Abou Samra, University of Ottawa, Ottawa, ON, Canada
Alaa Ali, University of Montreal, Montreal, QC, Canada
Rachel Bergerson, University of Minnesota, Minneapolis, MN, USA
Melissa Berrien-Elliott, Washington University, St. Louis, MO, USA
Richard Berry, Monash University, Melbourne, Australia
Vivien Béziat, Imagine Institute, Paris, France
Jeannette Boudreau, MSKCC, New York, NY, USA
Selma Boulenouar, University of Cambridge, Cambridge, UK
Frida Ewald Sander, University of Gothenburg, Gothenburg, Sweden
Dagmar Gotthardt, University of Veterinary Medicine, Vienna, Austria
Fernando Guimaraes, QIMR Berghofer Medical Research Institute, Brisbane, Australia
Huaijian Guo, IRCM, Montreal, QC, Canada
Quirin Hammer, German Rheumatism Research Center, Berlin, Germany
Alexander Iannello, University of California at Berkley, Berkley, CA, USA
Martin Ivarsson, University of Cambridge, Cambridge, UK
Vedrana Jelenčić, University of Rijeka, Rijeka, Croatia
Jenny Karo, MSKCC, New York, NY, USA
Philippa Kennedy, University of Manchester, Manchester, UK
Jianmei Leavenworth, Dana-Farber Cancer Institute, Boston, MA, USA
Gabriel André Leiva-Torres, McGill University, Montreal, QC, Canada
Sebastian Lunemann, Heinrich-Pette-Institute, Hamburg, Germany
Thuy Luu Thanh, Karolinska Institute, Stockholm, Sweden
Sharline Madera, MSKCC, New York, NY, USA
Beatrice Plougastel-Douglas, Washington University, St. Louis, MO, USA
Howard Rosoff, MD Anderson Cancer Center, Heidelberg, Germany
Steven Scoville, The Ohio State University, Columbus, OH, USA
Zsolt Sebestyen, University Medical Center Utrecht, Utrecht, The Netherlands
Andrew Sharkey, University of Cambridge, Cambridge, UK
Miho Tanaka, University of Toronto, Toronto, ON, Canada
Louis Michael Thomas, National Institutes of Health, Rockville, MD, USA
Megan Tu, University of Ottawa, Ottawa, ON, Canada
Kattria van der Ploeg, University of Cambridge, Cambridge, UK
Mary van Helden, VIB, Ghent, Belgium
Arnika Kathleen Wagner, Karolinska Institute, Stockholm, Sweden
Julia Wagner, Washington University, St. Louis, MO, USA
Andrew Wight, University of Ottawa, Ottawa, ON, Canada
Ning Wu, IRCM, Montreal, QC, Canada
Congcong Zhang, Georg-Speyer-Haus, Frankfurt, Germany
Luhua Zhang, Stanford University, Stanford, CA, USA
Erin Zook, University of Chicago, Chicago, IL, USA

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May 2-6, 2015

SATURDAY, MAY 2

1:30 - 4:30 pm	Arrival and Check In Registration	
4:30 - 4:45 pm	André Veillette Montréal, QC, Canada	Welcome and Introduction
	Hans-Gustaf Ljunggren Stockholm, Sweden	SNI Presidential Welcome
4:45 - 5:00 pm	Vinay Kumar Chicago, IL, USA	In memory of Mike Bennett
5:00 - 6:00 pm	Robert Schreiber St. Louis, MO, USA	Keynote Lecture: Cancer Immunoediting: Translating Basic Research Insights into Effective Cancer Immunotherapies
7:00 - 10:00 pm	Welcome BBQ : Summer - Marquee (No. 12 on the map on Page 23)	

SUNDAY, MAY 3

Registration: 8:00 am - NOON; 1:00 pm - 9:00 pm

6:30 - 8:30 am	Breakfast
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SESSION 1: NK CELLS IN ANTI-TUMOR IMMUNITY (1)

Chairperson: *Ennio Carbone*

Session Sponsor: Miltenyi Biotec



8:30 - 8:50 am	Mark Smyth Brisbane, Australia	Receptors and cytokines that control NK cell anti-tumor activity
8:50 - 9:10 am	Katharine Hsu New York, NY, USA	Human NK cell education: bench to bedside and back again
9:10 - 9:30 am	Jeffrey Miller Minneapolis, MN, USA	Enhancing NK cell function and making them antigen specific to treat cancer
9:30 - 9:40 am	Nicolas Dulphy Paris, France	NK cell patterns at diagnosis of AML are associated with blasts transcriptional signatures and clinical outcome (#56)
9:40 - 9:50 am	Rachel Bergerson Minneapolis, MN, USA	NK Proliferation Early After Allogeneic Hematopoietic Cell Transplantation Is Associated With Superior Disease Free Survival Due To Reduced Leukemia Relapse (#16)
9:50 - 10:00 am	Jacki Kornbluth St. Louis, MO, USA	Natural Killer Lytic-Associated Molecule (NKLAM) Influences the Maturation and Immunophenotype of Myc-Induced B Cell Lymphomas by Both NK-Independent and NK-Dependent Mechanisms (#116)
10:00 - 10:30 am	Coffee Break	

SESSION 2 : NK CELLS IN ANTI-TUMOR IMMUNITY (2)

Chairperson: *Julie Djeu*

Session Sponsor: Innate Pharma



10:30 - 10:50 am	Dean Lee Houston, TX, USA	Clinical and translational implications of IL-21 signaling in NK cells
10:50 - 11:10 am	Wing Leung Memphis, TN, USA	KIR typing for cancer therapy
11:10 - 11:30 am	Eric Vivier Marseille, France	Adaptive features of Natural Killer cells
11:30 - 11:40 am	Ennio Carbone Catanzaro, Italy	Analysis of T and NK cells immune response in Ipilimumab treated Melanoma patients (#38)
11:40 - 11:50 am	Fredrik Thorén Gothenburg, Sweden	Role of natural killer cell subsets and natural cytotoxicity receptors for the outcome of immunotherapy in acute myeloid leukemia (#221)
11:50 - NOON	Andreas Björklund Stockholm, Sweden	Integrative Profiling of Natural Killer Cell Repertoires Reveal a Role for Less Differentiated NK Cells in Protection from Leukemia Relapse (#25)
NOON - 1:00 pm	Lunch	
1:00 - 1:30 pm	Free Time	

SESSION 3: NK CELL MEMORY

Chairperson: *Silke Paust*

1:30 - 1:50 pm	Joseph Sun New York, NY, USA	Mitophagy promotes the generation of natural killer cell memory
1:50 - 2:10 pm	Lewis Lanier San Francisco, CA, USA	NK cells remember
2:10 - 2:20 pm	Jianmei Leavenworth Boston, MA, USA	Intracellular osteopontin regulates homeostatic-driven long-lived natural killer cells (#127)
2:20 - 2:30 pm	Ravi Arya Houston, TX, USA	Vaccine-induced NK memory cells as potent mucosal sentinels against HIV infection (#10)
2:30 - 2:40 pm	Ramakrishna Vankayalapati Houston, TX, USA	IL-21 dependent expansion of memory-like NK cells enhances protective immune responses against <i>Mycobacterium tuberculosis</i> (#228)
2:40 - 2:50 pm	Julia Wagner St. Louis, MO, USA	Human cytokine-induced memory-like (CIML) NK cells exhibit altered NK cell licensing (#233)
2:50 - 3:00 pm	Grzegorz Terszowski Basel, Switzerland	With a little help from my friends – the role of immune cross-talk in NK cell response to HCMV (#216)
3:00 - 6:00 pm	FREE TIME	
6:00 - 7:00 pm	Dinner	

7:00 - 9:00 pm	Poster Session 1	POSTERS No. 1 to 83 (Canada Room and Mezzanine)
MONDAY, MAY 4		
Registration: 8:00 am - NOON; 1:00 pm - 9:00 pm		
6:30 - 8:30 am	Breakfast	
SESSION 4 : NK CELL EDUCATION AND SUBSETS (1) Chairperson: <i>Petter Höglund</i>		
8:30 - 8:50 am	Wayne Yokoyama St. Louis, MO, USA	Ly49H-Dependent NK Cell Effector Control of Murine Cytomegalovirus Infection
8:50 - 9:10 am	Zhigang Tian Hefei, China	Intrahepatic development of liver-resident NK cells
9:10 - 9:30 am	Chiara Romagnani Berlin, Germany	Identification of Human ILC3 progenitors lacking NK cell commitment
9:30 - 9:40 am	Niklas Björkström Stockholm, Sweden	Identification and characterization of human intrahepatic CD49a ⁺ NK cells (#26)
9:40 - 9:50 am	Andrew Sharkey Cambridge, UK	Tissue specific education of decidual natural killer cells by maternal HLA (#196)
9:50 - 10:00 am	Björn Önfelt Stockholm, Sweden	Microchip-based single-cell imaging reveals that NK cell education via NKG2A regulates migration, target cell conjugation and probability of killing but not killing dynamics (#165)
10:00 - 10:30 am	Coffee Break	
SESSION 5 : NK CELL EDUCATION AND SUBSETS (2) Chairperson: <i>Megan Cooper</i>		
10:30 - 10:50 am	Sungjin Kim East Lansing, MI, USA	Antibody-dependent memory-like cells: Formation of the memory NK cell pool in humans
10:50 - 11:10 am	Yenan Bryceson Stockholm, Sweden	Regulation of human NK cell differentiation and effector function
11:10 - 11:30 am	André Veillette Montreal, QC, Canada	Receptors controlling NK cell activation and education
11:30 - 11:40 am	Luhua Zhang Stanford, CA, USA	Regulation of NK Cell Homeostasis by the Aryl Hydrocarbon Receptor (#246)
11:40 - 11:50 am	Anne Croy Kingston, ON, Canada	Heterogeneity of Leukocyte Doublets Within Early Mouse Decidua that Involve Uterine Natural Killer Cells (#45)
11:50 - NOON	Anna Lünemann Zurich, Switzerland	Tonsilar NK cell subset targets cancer-associated GC-B cells during EBV infection (#137)
NOON - 1:00 pm	Lunch	

1:00 - 1:30 pm	Free Time	
SESSION 6 : INNATE LYMPHOID CELLS Chairperson: <i>Guido Ferlazzo</i>		
1:30 - 1:50 pm	Marco Colonna St. Louis, MO, USA	Innate Lymphoid Cells in Immunity
1:50 - 2:10 pm	Andreas Diefenbach Mainz, Germany	Transcriptional control of innate lymphoid cell fate decisions
2:10 - 2:30 pm	James Di Santo Paris, France	Establishing ILC Identity with the Hematopoietic System
2:30 - 2:40 pm	Guido Ferlazzo Messina, Italy	Group 3 NCR ⁺ Innate Lymphoid Cells accumulate in human lung cancer (#60)
2:40 - 2:50 pm	Georg Gasteiger Mainz, Germany	Adaptive-innate lymphocyte crosstalk in NK cell and ILC responses (#73)
2:50 - 3:00 pm	Nicole Marquardt Stockholm, Sweden	Fetal epithelium-derived IL-17+IL-22- ILC3 represent the main lymphocyte subset in human amniotic fluid (#148)
3:00 - 6:00 pm	Free Time	
6:00 - 7:00 pm	Dinner	
7:00 - 9:00 pm	Poster Session 2	POSTERS No. 84 to 166 (Canada Room and Mezzanine)
TUESDAY, MAY 5		
Registration: 8:00 am - NOON; 1:00 pm - 5:00 pm		
6:30-8:30 am	Breakfast	
SESSION 7 : NK CELLS IN ANTI-VIRAL IMMUNITY Chairperson: <i>Luis Sigal</i>		
8:30 - 8:50 am	Mariapia Degli-Esposti Perth, Australia	NK cells dictate the balance of anti-viral immunity and autoimmunity
8:50 - 9:10 am	Stipan Jonjic Rijeka, Croatia	Cytomegalovirus downregulation of PVR reveals strong effect of DNAM-1 in virus control by NK cells and macrophages
9:10 - 9:30 am	Hans-Gustaf Ljunggren Stockholm, Sweden	NK Cell Activation in Human Hantavirus Infection Explained by Virus-Induced IL-15/IL15R α Expression
9:30 - 9:40 am	Gabriel André Leiva-Torres Montreal, QC, Canada	An N-Ethyl-N-Nitrosourea Induced Mutation in the GNL1 GTPase causes susceptibility to Cytomegalovirus (#132)
9:40 - 9:50 am	Jamie Schafer Boston, MA, USA	Accumulation of cytotoxic CD16+ NK Cells in SIV-infected lymph nodes associated with in situ differentiation and exhaustion (#187)
9:50 - 10:00 am	Laurent Brossay Providence, RI, USA	Salivary gland lymphocyte response to MCMV (#35)
10:00 - 10:30 am	Coffee Break	

SESSION 8 : NK CELL ACTIVATION**Chairperson: *Jordan Orange***

10:30 - 10:50 am	Eric Long Rockville, MD, USA	Galvanizing Inhibition
10:50 - 11:10 am	Daniel Davis Manchester, UK	Super-resolution microscopy of human NK cell recognition
11:10 - 11:30 am	Carsten Watzl Dortmund, Germany	Modulation of NK cell function by interactions between 2B4 and CD48 in cis and in trans
11:30 - 11:40 am	Melba Marie Tejera Tampa, FL, USA	MicroRNA-183 control of DAP12 silences NK and T cells in the tumor microenvironment (#215)
11:40 - 11:50 am	Bojan Polić Rijeka, Croatia	NK cells link obesity-induced adipose stress to inflammation and insulin resistance (#174)
11:50 - NOON	Thuy Luu Thanh Stockholm, Sweden	Dendritic cells prime NK-cell functions at non-inflammatory condition (#139)
NOON - 1:00 pm	Lunch	
1:00 - 1:30 pm	Free Time	

SESSION 9 : NK CELL DEVELOPMENT AND DIFFERENTIATION**Chairperson: *Veronika Sexl***

1:30 - 1:50 pm	Barbara Kee Chicago, IL, USA	Transcriptional control of natural killer cell development, maturation, and activation
1:50 - 2:10 pm	Francesco Colucci Cambridge, UK	NK cells and other innate lymphoid cells at the maternal-fetal interface
2:10 - 2:30 pm	Mike Caligiuri Columbus, OH, USA	Human natural killer cell development in secondary lymphoid tissues: examination of <i>RORγt</i>
2:30 - 2:50 pm	Cynthia Dunbar Bethesda, MD, USA	Clonal tracking of rhesus macaque hematopoiesis highlights a distinct lineage origin for natural killer cells and insights into the relationships between NK cell phenotypic subsets
2:50 - 3:00 pm	Alaa Ali Ottawa, ON, Canada	GATA-3 regulates the NK cell maturation program required for bone marrow exit and proliferation (#3)
3:00 – 3:10 pm	Nick Huntington Melbourne, Australia	Id2 governs innate lymphocyte fate by tuning sensitivity to homeostatic cytokines (#99)
3:10 - 5:10 pm	Poster Session 3	POSTERS No. 167 to 250 (Canada Room and Mezzanine)
5:10 - 7:00 pm	Free Time	
7:00 - 10:00 pm	Banquet	
After 10:00 pm	Entertainment : The Tonic Band	Curling Room (No. 25 on the map at Page 23)

WEDNESDAY, MAY 6

Registration: 8:00 am - NOON

6:30 - 8:30 am Breakfast

SESSION 10 : NK CELL RECEPTORS IN IMMUNE SURVEILLANCE (1)

Chairperson: *John Trowsdale*

8:30 - 8:50 am	Klas Kärre Stockholm, Sweden	Phenotypic and functional alterations associated with MHC class I dependent education of NK cells
8:50 - 9:10 am	Peter Parham Stanford, CA, USA	A global perspective on KIR variation and its functional impact
9:10 - 9:30 am	Andrew Makrigiannis Ottawa, ON, Canada	Control of cancer and memory responses by NKC-encoded receptors
9:30 - 9:40 am	Katy Rezvani Houston, TX, USA	HLA and KIR Genomics to Determine Outcome After Cord Blood Transplant (CBT) (#180)
9:40 - 9:50 am	Vivien Béziat Paris, France	Redundancy of adaptive NK cell responses in the absence of NKG2C and activating KIRs (#23)
9:50 - 10:00 am	Paul Neeson Melbourne, Australia	Targeting mechanisms for natural killer cell dysfunction in patients with multiple myeloma (#158)
10:00 - 10:30 am	Coffee Break	

SESSION 11: NK CELL RECEPTORS IN IMMUNE SURVEILLANCE (2)

Chairperson: *Kerry Campbell*

10:30 - 10:50 am	Heidi Cerwenka Heidelberg, Germany	Exploiting adaptive features of Natural Killer cells for cancer therapy
10:50 - 11:10 am	David Raulet Berkeley, CA, USA	Evasion of NK-mediated tumor immune surveillance and therapies to prevent it
11:10 - 11:20 am	Miho Tanaka Toronto, ON, Canada	The inhibitory NKR-P1B:Clr-b recognition axis plays a role in tumour immunosurveillance in the detection of oncogenic transformation (#214)
11:20 - 11:30 am	Kattria van der Ploeg Cambridge, UK	Identifying Ligands for Activating Killer Ig-like Receptors on HCMV infected fibroblasts (#226)
11:30 - 11:40 am	David Tomaz London, UK	Fluorescent tagged NK cell receptors to study the integration of signals in natural killer cells at the immunological synapse (#222)
11:40 - NOON	André Veillette Michael Caligiuri	Closing Remarks & Invitation to next meeting
NOON - 1:00 pm	Lunch (Lunch boxes will also be available)	

List of Posters

1.	NKR-P1:CLR recognition systems: A relationship that could dominate innate intestinal immunity Abou-Samra E , Hickey Z, Carlyle JR, Makriganis AP
2.	Identification of two MCMV immunoevasins that modulate NK cell recognition via the NKR-P1B:Clr-b axis Aguilar OA , Samaniego J, Sampaio I, Lau T, Rahim MMA, Popović B, Krmpotić A, Makriganis A, Jonjić S, Allan DSJ, Carlyle JR
3.	GATA-3 regulates the NK cell maturation program required for bone marrow exit and proliferation Ali AK , Oh J, Vivier E, Busslinger M, Lee SH
4.	An <i>in vitro</i> model of innate lymphoid cell function and differentiation Allan DSJ , Kirkham CL, Aguilar OA, Qu LC, Chen P, Fine JH, Serra P, Awong G, Gommerman JL, Zúñiga-Pflücker JC, Carlyle JR
5.	Immune Cell Expansion, <i>In Vivo</i> Trafficking and Natural Killer Cell Anti-Tumor Efficacy in a Preclinical Model of Human Ovarian Cancer Pandey V, Oyer JL, Igarashi RY, Copik AJ, Altomare DA
6.	Dose-dependent role of GM-CSF in regulating NK-cell migratory properties revealed in a microfluidic-based platform Andalur Nandagopal S , Upreti D, Su RC, Ball B, Lin F, Kung SKP
7.	Characterization of <i>KIR</i> intermediate promoters reveals four distinct promoter types associated with distinct expression patterns of <i>KIR</i> subtypes Anderson SK , Li H, Drashansky T, Wright PW
8.	IFN γ has variable effects on expression of MHC Class I and ICAM-1 in pediatric cancers which alter sensitivity to NK cell lysis Aquino-López A , Senyukov V, Lee DA
9.	The checkpoint regulator PD-1 inhibits NK cell responses to tumors. Ardolino M , Hsu J, Azimi CS, Trevino TN, Zhang L, Thompson T, Iannello A, Raulet DH
10.	Vaccine-induced NK memory cells as potent mucosal sentinels against HIV infection Arya RP , Hernandez-Sanabria M, Le DT, Gill HS, Paust S
11.	Role of NK cells in innate defense against HCV Vahedi F, Lusty E, Collins S, Chen B, Feld J, Russell R, Mossman K, Ashkar AA
12.	Immunosuppressive properties of malignant monocytes in chronic myelomonocytic leukemia Aurelius J , Hallner A , Werlenius O, Riise R, Möllgård L, Martner A, Thorén FB, Hellstrand K
13.	Nanometre-scale organisation of the highly polymorphic NK cell receptor KIR3DL1 and its HLA class I ligands revealed by super-resolution microscopy Barthen CC , Williamson DJ, Davis DM
14.	The transcription factor Zbtb32 is required for NK cell proliferation during viral infection Beaulieu AM , Zawislak CL, Nakayama T, Sun JC
15.	TLR9-Stimulated Plasmacytoid Dendritic Cells Induce Strong Natural Killer Cell Cytotoxicity Against Neuroblastoma Cordeau M, Belounis A , Lelaidier M, Kadri-Madjer Y, Cordeiro P, Herblot S, Duval M
16.	NK Proliferation Early After Allogeneic Hematopoietic Cell Transplantation Is Associated With Superior Disease Free Survival Due To Reduced Leukemia Relapse Bergerson RJ , Cooley S, Curtsinger J, Shanley R, Miller JS, Verneris MR
17.	CD16 is expressed on few inhibitory KIR+ NK Cells: Implications for ADCC activity and HIV vaccine strategies Isitman G, Tremblay-McLean A, Shoukry NH, Wainberg MA, Bruneau J, Bernard NF
18.	NK cells localize in synovium in a CXCR3-dependent fashion and promote joint damage in a mouse model of osteoarthritis Benigni G, Dimitrova P, Antonangeli F, Sanseviero E, Ponzetta A, Milanova V, Ivanovska N, Santoni A, Bernardini G
19.	Multiple Myeloma impairs localization of effector NK cells in the bone marrow by altering the chemokine microenvironment Ponzetta A, Benigni G, Antonangeli F, Sciumè G, Sanseviero E, Santoni A, Bernardini G
20.	The role of unlicensed NK cells during post-consolidation immunotherapy in AML Ewald Sander F , Bernson E , Wilsson O, Werlenius O, Rydström A, Aurelius J, Martner A, Hellstrand K, Thorén FB
21.	microRNA-142 is critical for peripheral NK cell homeostasis and function Berrien-Elliott M , Sun Y, Trissal M, Sullivan R, Ireland A, Leong J, Wagner J, Jewell B, Schappe T, Link D, Reddy P, Fehniger TA
22.	The Structure of the Cytomegalovirus-Encoded m04 Glycoprotein, a Prototypical Member of the m02 Family of Immunoevasins Berry R , Vivian JP, Deuss FA, Balaji GR, Saunders PM, Lin J, Littler DR, Brooks AG, Rossjohn J
23.	Redundancy of adaptive NK cell responses in the absence of NKG2C and activating KIRs Liu LL, Enqvist M, Sohlberg E, Traherne JA, Heggernes Ask E, Larsson S, Schaffer M, Ljunggren HG, Trowsdale J, Malmberg KJ, Béziat V
24.	Development of new anti-KIR monoclonal antibodies and analysis of KIR antibody cross reactivity Björdahl R , Bonnevier J, Munshi C, Houchins JP
25.	Integrative Profiling of Natural Killer Cell Repertoires Reveal a Role for Less Differentiated NK Cells in Protection from Leukemia Relapse Björklund A , Clancy T, Goodridge J, Béziat V, Schaffer M, Hovig E, Ljungman P, Malmberg KJ
26.	Identification and characterization of human intrahepatic CD49a+ NK cells

	Marquardt N, Béziat V, Nyström S, Hengst J, Ivarsson MA, Kekäläinen K, Johansson H, Mjösberg J, Westgren M, Lankisch TO, Wedemeyer H, Ellis EC, Ljunggren HG, Michaëlsson J, <u>Björkström NK</u>
27.	NK cells and ALL: A rat model of T cell lymphoblastic leukemia <u>Boieri M</u> , Sudworth A, Kveberg L, Inngjerdigen M
28.	Development of an IL-2 Independent NK cell Line Expressing High-Affinity Fc-receptor to Augment Antibody and BiKE Therapeutics <u>Boissel L</u> , Campbell KS, Toneguzzo F, Klingemann H
29.	Human NK cell licensing is determined by KIR:HLA interactions in cis and adjusted by HLA in trans. <u>Boudreau JE</u> , Liu XR, Zhang A, Dupont B, Hsu KC
30.	Receptor and ligand density calibrate NK responsiveness: implications for HIV control <u>Boudreau JE</u> , Le Luëdec JB, Mulrooney TJ, Hsu KC
31.	Donor KIR3DL1 and HLA-B subtype combinations predict acute myelogenous leukemia control after HLA-compatible hematopoietic stem cell transplantation <u>Boudreau JE</u> , Giglio F, Gooley TA, Stevenson PA, Le Luëdec JB, Rajalingam R, Hou L, Katovich Hurley C, Lebedeva T, Noreen H, Reed EF, Yu N, Vierra-Green C, Haagensohn MD, Malkki M, Petersdorf EW, Spellman S, Hsu KC
32.	Lack of uterine ILCs in Nfil3 ^{-/-} mice associates with fetal, placental and decidual abnormalities <u>Boulénouar S</u> , Doisne JM, Sferruzzi-Perri A, Balmas E, Gaynor LM, Kieckbusch J, Yung HW, Volmer L, Javadzadeh S, Hawkes DA, Phillips K, Brady H, Fowden A, Burton G, Colucci F
33.	Dramatic changes in NK cell phenotype and function following perinatal MCMV infection <u>Brizić I</u> , Lesac A, Juranić Lisnić V, Lisnić B, Krmpotić A, Jonjić S
34.	Polymorphisms in KIR3DL1 dictate specificity for HLA-I allotypes Saunders PM, Vivian JP, Pietra G, Pymm P, O'Connor GM, Widjaja J, McVicar DW, Rossjohn J, <u>Brooks AG</u>
35.	Salivary gland lymphocyte response to MCMV <u>Brossay L</u> , Erick TK, Reilly EC, Wands JR
36.	Differential interaction of LILRB1 Protein Variants with HLA molecules Yu K, Wang T, Airo A, Fu L, Davidson C, <u>Burshtyn D</u>
37.	Combining NK cell adoptive immunotherapy with DNA methyltransferase inhibition: a double attack against acute myeloid leukemia <u>Cany J</u> , Roeven M, Huls G, Schaap NM, Dolstra H
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181.	Involvement of the NKC domain in combination with the MHC haplotype in the development of MHC-I positive and negative tumours Richter J , Capkova K, Indrova M, Hribalova V, Mikyskova R, Bieblova J, Reiniš M, Fiserova A
182.	TLR-stimulated neutrophils instruct NK cells to promote adaptive immunity Riise RE , Bernson E, Aurelius J, Martner A, Pesce S, Chiesa MD, Marcenaro E, Bylund J, Hellstrand K, Moretta L, Moretta A, Thorén FB
183.	CD14 ⁺ cells, IL-12 and HLA-E control HCMV-driven NKG2C ⁺ NK cell expansion Rölle A , Pollmann J, Ewen EM, Halenius A, Hengel H, Cerwenka A
184.	The IL-15-based ALT-803 complex enhances FcγRIIIa-triggered NK cell responses and in vivo clearance of B cell lymphomas Rosario M , Liu B, Kong L, Collins LI, Schneider SE, Chen X, Han K, Jeng EK, Rhode PR, Leong JW, Schappe T, Jewell B, Keppel CR, Shah K, Hess B, Romee R, Piwnica-Worms DR, Cashen AF, Bartlett NL, Wong HC, Fehniger TA
185.	Sequence-based typing of TCGA and 1000 Genome samples associates KIR2DS4 secreted variants with susceptibility to cancer and KIR2DS4 functional variants with protection against cancer. Rosoff H
186.	The peripheral blood Natural Killer cells from Crohn disease patients are activated and possess higher cytotoxic activity Samarani S , Sagala P, Grimard G, Deslandres C, Amre D, Ahmad A
187.	Accumulation of cytotoxic CD16 ⁺ NK Cells in SIV-infected lymph nodes associated with in situ differentiation and exhaustion Schafer JL , Li H, Estes JD, Reeves RK
188.	Manipulating Natural Killer Cell KIR Populations and NK Licensing <i>ex vivo</i> During Stimulation and Propagation Schafer J , Senyukov VV, Lee DA
189.	Comparative analysis of NK cell reconstitution after allogeneic and autologous hematopoietic stem cell transplantation Schmied L , Terszowski G, Passweg J, Stern M
190.	Human CD56 ^{bright} NK cells express RORγt and derive from a CD34+IL-1R1+RORγt+ precursor Scoville SD , Mundy-Bosse BL, Zhang MH, Keller KA, Bergin S, Hughes T, McClory S, Cheng S, Caligiuri MA, Freud AG
191.	Tumor cell recognition of g9d2TCR T cells is dictated via Small Rho GTPase by linking mevalonate pathway to BTN3A1 (CD277) Sebestyen Z , Scheper W, Rychnavska Z, van Noorden M, Cheneau C, Peigné CM, Olive D, Lebbink RJ, Oostvogels R, Mutis T, Schuurhuis GJ, Adams EJ, Scotet E, Kuball J
192.	CD8αα costimulation to γδT cell receptors involves diverse molecular interactions with ligands that include MHC class I-like molecules Scheper W, Hol S, Heijhuurs S, Nishimura M, Kavathas P, Sebestyen Z , Kuball J
193.	Rapid Decrease in Hepatitis C Virus Viremia by Direct Acting Antivirals Improves the NK Cell Response to IFNα Serti E , Park H, Rivera E, Liang TJ, Ghany M, Rehermann B
194.	Successful IFN-Free Therapy of Chronic Hepatitis C Virus Infection Normalizes Natural Killer Cell Function Serti E , Chepa-Lotrea X, Kim YJ, Keane M, Fryzek N, Liang TJ, Ghany M, Rehermann B
195.	Glioblastoma-infiltrating NK cells are dysfunctional and have a severely altered phenotype Shaim H , Alsuliman A, Gabrusiewicz KR, Wei J, Yu J, Basar R, Kondo K, Muftuoglu M, Liu E, Imahashi N, Sobieski C, Tong Y, Yvon E, Champlin R, Shpall E, Heimberger A, Rezvani K
196.	Tissue specific education of decidual natural killer cells by maternal HLA Sharkey AM , Xiong S, Gardner L, Farrell LE, Ivarsson M, Kennedy P, Chazara O, Hiby SE, Colucci F, Moffett A
197.	In vivo Effects of Recombinant Canine IL-15 on the Generation and Function of NK cells in Dogs

	Shin DJ , Lee SH, Yoon MS, Cho D, Kim SK
198.	Recruitment of protective NK cells to the lymph node during ectromelia virus infection requires the successive action of TLR9-MyD88-expressing CD11c ⁺ cells, interferon gamma-producing lymph node-resident NK cells and chemokine-producing inflammatory monocytes Xu RH, Rubio D, Roscoe F, Lev A, Fang M, Sigal LJ
199.	Promiscuous KIR binding to HLA-C*05 is peptide-specific for KIR2DL3 and peptide-independent for KIR2DL1 Sim MJW , Malaker SA, Shabanowitz J, Hunt DF, Rajagopalan S, Altmann DM, Boyton RJ, Long EO
200.	CD300c is uniquely expressed on CD56 ^{bright} Natural Killer Cells and its function alters from CD300a upon ligand recognition. Dimitrova M, Zenarruzabeitia O, Borrego F, Simhadri V
201.	Coordinated interrelated cytoskeletal functions regulate extensive physiologic NK cell lytic granule motility after arrival at the immunological synapse Sinha P , Tsao D, Mace EM, Kolomeisky A, Diehl M, Orange JS
202.	Natural killer cells expanded on membrane-bound IL15 or IL21 activate different miRNA transcriptional profiles with functional consequences Somanchi A , Lee DA
203.	NK cells require IL-28R for optimal <i>in vivo</i> activity Souza-Fonseca-Guimaraes F , Young A, Mittal D, Martinet L, Bruedigam C, Takeda K, Hill GR, Smyth MJ
204.	A novel combinatorial therapy using cytolytic NK cells and anti-EGFR moAb to improve the treatment of EGFR expressing solid tumors Veluchamy JP, Spanholtz J , Stam AG, Tordoir M, Bohme F, Loughheed SM, Jongen WM, Verheul HM, de Gruijl TD, van der Vliet HJ
205.	Cytokine modulate MHC class I and Ly49A expression and dynamics on the Natural Killer cell surface Bagawath-Singh S, Staaf E , Stoppelenburg A, Spielmann T, Kambayashi T, Widengren J, Johansson S
206.	High-resolution phenotyping of menstrual blood-derived uterine NK cells reveals self-KIR ⁺ clonal-like expansions and a stable KIR-repertoire distinct from peripheral blood Ivarsson MA, Stiglund N , Westgren M, Gidlöf S, Björkström NK
207.	Human Natural Killer Cell Repertoire Diversity Predicts HIV-1 Acquisition Strauss-Albee DM , Fukuyama J, Liang EC, Jarrell JA, Drake AL, Kinuthia J, John-Stewart G, Holmes S, Blish CA
208.	LRBA is essential for allogeneic responses in bone marrow transplantation Sudan R , Park MY, Srivastava N, Neelam S, Youngs C, Wang JW, Engelman RW, Kerr WG
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210.	Co-inhibitory Factor Induced NK Cell Exhaustion and Immune Escape Mechanism in HBV-related Hepatocellular Carcinoma Sun C , Sun R, Tian Z
211.	CD200R-induced NK cell exhaustion and immune escape in hepatocellular carcinoma Sun H , Sun C, Tian Z, Xiao W
212.	Galectin-3 promotes tumor escape from natural killer cell-mediated surveillance Sun R , Wang W, Guo H, Tian Z
213.	Postoperative accumulation of myeloid derived suppressor cells impairs natural killer cell activity and contributes to metastatic disease Tai LH , Alkayyal A, de Souza CT, Sahi S, Bennett S, Zhang J, Auer R
214.	The inhibitory NKR-P1B:Clr-b recognition axis plays a role in tumour immunosurveillance in the detection of oncogenic transformation Tanaka M , Fine JH, Kirkham CL, Ketela T, Moffat J, Allan DSJ, Carlyle JR
215.	MicroRNA-183 control of DAP12 silences NK and T cells in the tumor microenvironment Tejera MM , Donatelli SS, Zhou JM, Gilvary DL, Chen X, Eksioglu EA, Wei S, Djeu JY
216.	With a little help from my friends – the role of immune cross-talk in NK cell response to HCMV Christen L, Stern M, Terszowski G
217.	Cellular immunotherapy of plasma-cell myeloma with multiple infusions of good manufacturing practice expanded haploidentical natural killer cells Kalberer C, Terszowski G , Tschan-Plessl A, Siegler U, Wodnar-Filipowicz A, Stern M, Tichelli A, Tsakiris D, Passweg J
218.	A Decade of Experience with Cancer Treatment Using Autologous NK Cells Terunuma H , Deng X, Terunuma A, Ashiba K, Nieta M, Watanabe K
219.	Stem cell factor is an important ligand for uterine natural killer (uNK) cell development in the pathogenesis of endometriosis Thiruchelvam U , Wingfield M, O'Farrelly C
220.	NK cell education has a greater impact on proximal signaling by individual receptors than on synergy of activating receptors Thomas LM , Long EO

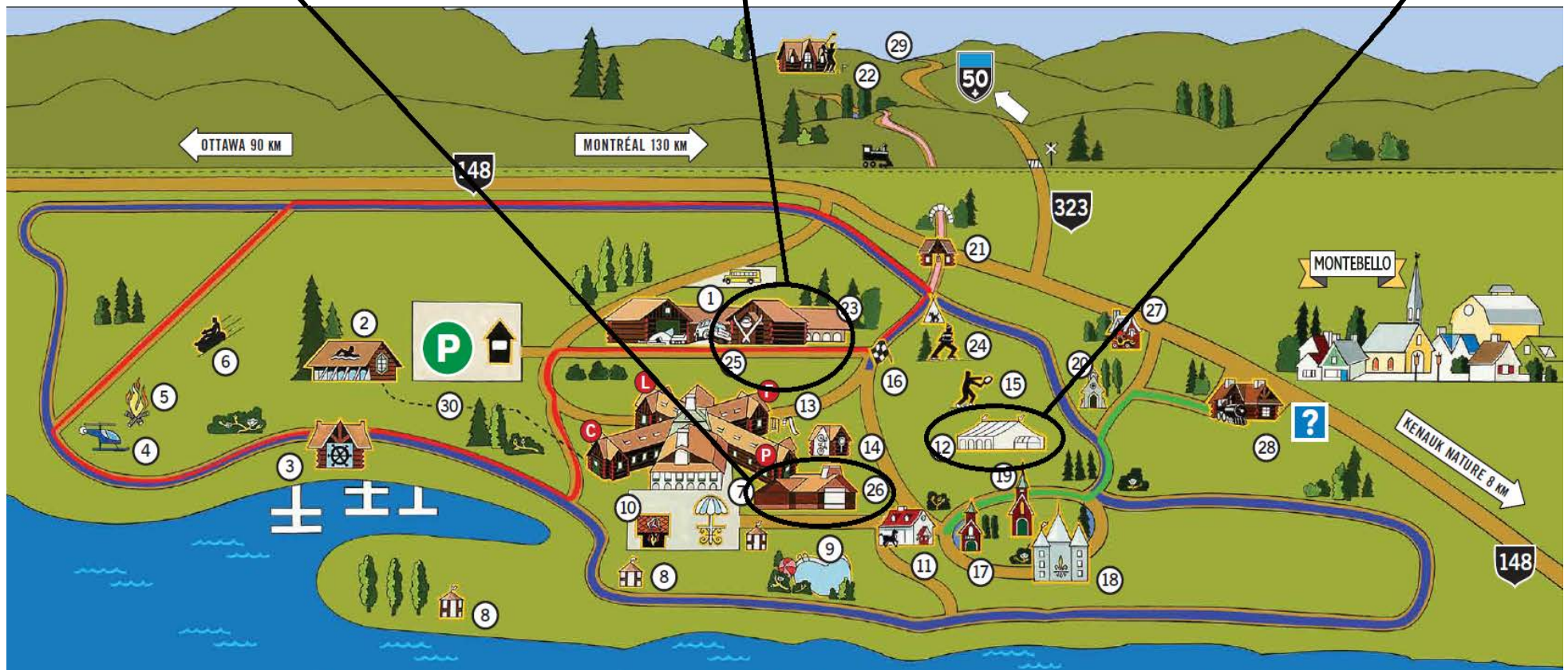
221.	Role of natural killer cell subsets and natural cytotoxicity receptors for the outcome of immunotherapy in acute myeloid leukemia Martner A, Rydström A, Riise RE, Aurelius J, Anderson H, Brune M, Foà R, Hellstrand K, Thorén FB
222.	Fluorescent tagged NK cell receptors to study the integration of signals in natural killer cells at the immunological synapse Tomaz D , Pereira P, Henriques R, Guerra N, Dyson J, Gould K
223.	Acquisition of activation receptor ligand by trogocytosis renders natural killer cells hyporesponsive Miner CA, Giri TK, Meyer CE, Shabsovich M, Tripathy SK
224.	CMV infection modulates NK cell function in vitro independently of NKG2C upregulation Tschan-Plessl A , Stern M, Retière C, Hirsch HH, Garzoni C, van Delden C, Boggian K, Mueller NJ, Berger C, Villard J, Manuel O, Meylan P, Terszowski G, Swiss Transplant Cohort Study
225.	Ly49 receptor-dependent cancer immunosurveillance and tumor immunoediting in lymphoid and non-lymphoid cancers Tu MM , Rahim MMA, Mahmoud AB, Makrigiannis AP
226.	Identifying Ligands for Activating Killer Ig-like Receptors on HCMV infected fibroblasts van der Ploeg K , Chang C, Wills M, Trowsdale J
227.	An interplay of T- and E-box binding transcription factors control key checkpoints of NK cell maturation van Helden MJ , Goossens S, Daussy C, Mathieu AL, Faure F, Marçais A, Vandamme N, Mayol K, Viel S, Degouve S, Debien E, Seuntjens E, Conidi A, Chaix J, Mangeot P, de Bernard S, Buffat L, Haigh JJ, Lambrecht BN, Huylebroeck D, Berx G, Walzer T
228.	IL-21 dependent expansion of memory-like NK cells enhances protective immune responses against <i>Mycobacterium tuberculosis</i> Venkatasubramanian S, Paidipally P, Cheekatla S, Welch E, Raghunath A, Tvinnereim AR, Nurieva R, Barnes PF, Vankayalapati R
229.	Hypoxia Promotes Human Natural Killer Cell Effector Functions In Vitro Velásquez SY , Sticht C, Schulte J, Thiel M, Lindner HA
230.	The structure of the atypical Killer Cell Immunoglobulin-like Receptor, KIR2DL4 Moradi S, Berry R, Pymm P, Brooks A, Rossjohn J, Vivian JP
231.	Conditional ablation of NKp46 ⁺ cells using a novel Ncr1 ^{greenCre} mouse strain: Adaptive anti-B16 responses are impacted by the absence of NKp46 ⁺ cells Ben-Merzoug L, Verrier T, Marie S, Schiavo A, Luche H, Fehling HJ, Di Santo JP, Vosshenrich CAJ
232.	α-galactosylceramide and exosome-induced induced iNKT cell activation induces increased missing self recognition and preferential proliferation of educated NK cells Wagner AK , Gehrman U, Hiltbrunner S, Gabrielsson S, Kärre K
233.	Human cytokine-induced memory-like (CIML) NK cells exhibit altered NK cell licensing Wagner JA , Jewell B, Rosario M, Schappe TK, Berrien-Elliott M, Leong J, Fehniger TA
234.	Characterization of Spontaneous and NK Cell-Induced ULBP2 Shedding from Tumor Cells Wang R , Sun PD
235.	Enhanced NK cells development in HIS mice by hIL-21 overexpression in vivo Wang Y , Chen Y, Sun R, Tian Z
236.	Scavenging of soluble NKG2D ligands from patients' plasma to overcome NKG2D-dependent tumor-immune-escape from NK cell cytotoxicity Weil S , Giannattasio A, Köhl U, Lechner A, Bönig H, Huppert V, Steinle A, Koch J
237.	HLA-E: a clinically relevant inhibitory factor for Natural Killer cell anti-Multiple Myeloma reactivity Wieten L , Sarkar S, van Gelder M, Xu Y, Groen R, Martens ACM, Tilanus MGJ, Bos GMJ
238.	Investigating the role of inhibitory Ly49 receptors in T and B cell-independent immune memory Wight A , Mahmoud AB, Tu MM, Rahim MMA, Makrigiannis AP
239.	NK cell-mediated tumour surveillance depends on Tyk2 but not on its kinase activity Witalisz-Siepracka A , Prchal-Murphy M, Bednarik K, Meissl K, Putz EM, Gotthardt D, Sexl V, Müller M, Strobl B
240.	Enhancing NK cell resistance to reactive oxygen species via transduction with thioredoxin-1 Witt K, Kremer V, Ligtenberg M, Kiessling R, Lundqvist A
241.	Characterising the direct interactions between human NK cells and <i>Plasmodium falciparum</i> infected red blood cells Wolf AS , Roberts CH, Riley E
242.	Education of NK cells by mechanism involving SAP family adaptors, SLAMF6 receptor and SHP-1 phosphatase Wu N , Zhong MC, Roncagalli R, Pérez-Quintero LA, Dong Z, Zhang Z, Latour S, Veillette A
243.	Augmentation of diacylglycerol signaling enhances NK cell function without affecting Ly49 receptor acquisition or tuning Yang E , Schmidt AM, Joshi RP, Kambayashi T
244.	Negative Regulation of Late-Stage Maturation and Function of Natural Killer Cells by Foxo1 Deng Y, Kerdiles Y, Chu J, Yuan S, Wang Y, Mao H, Hughes T, Freud AG, Li X, Caligiuri MA, Vivier E, Yu J
245.	Targeted NK cells for adoptive immunotherapy of glioblastoma Zhang C , Burger M, Jennewein L, Genßler S, Tonn T, Mittelbronn M, Steinbach JP, Wels WS

- 246.** Regulation of NK Cell Homeostasis by the Aryl Hydrocarbon Receptor
Zhang L, Shin JH, Chen C, Zhao Q, Storch B, Lu A, Sunwoo JB
- 247.** DNAM-1 receptor triggers NK cell activation by coupling to enzymes Vav-1, PI3'K and PLC- γ , actin polymerization and granule polarization
Zhang Z, Wu N, Colonna M, Veillette A
- 248.** CD27^{low/-} nature killer cell is the major subset to aggravate experimental autoimmune encephalomyelitis
Gao M, Ming B, Chen H, Sun Y, Xiao Y, Lai L, Wu H, Zou H, Gong F, **Zheng F**
- 249.** Human Intrahepatic NK cell Recognition of Cholangiocarcinoma
Zimmer CL, Berglin L, Melum E, Bergquist A, Björkström NK
- 250.** An Essential Role of ETS1 in ILC2 Development
Zook EC, Ramirez K, Van der Voort G, Svensson E, Sigvardsson M, Kee BL

Conference Room

Entertainment

BBQ



Pistes de randonnées

- 3 km
- 4.7 km
- Sentiers des amoureux
- Sentiers vers village

- 1 École de conduite Land Rover Experience
- 2 Centre sportif, Piscine Squash, Tennis, Spa
- 3 Club Nautique, Bateau ponton, Pêche blanche
- 4 Heli-pad

- 5 Bonfire
- 6 Glissade en pneumatiques
- 7 Terrasse Le Riverain
- 8 Gazebos
- 9 Piscine extérieure
- 10 BBQ en plein air
- 11 Écurie, Équitation, Tralneau à cheval
- 12 Tente de réception
- 13 Aire de jeux pour enfants, Golf miniature
- 14 Chalet des sports, Location d'équipement (été)

- 15 Terrains de tennis extérieurs
- 16 ETÉ : Départ – sentiers de randonnée
HIVER : Départ – pistes de ski de fond, Tralneau à chiens
- 17 Hangar à grains (Manoir-Papineau)
- 18 Lieu historique national du Manoir-Papineau
- 19 Église anglicane
- 20 Chapelle funéraire Papineau
- 21 Entrée principale
- 22 Pavillon du club de golf

- 23 Salon Héritage
- 24 Patinoires
- 25 Motoneige, Ski de fond, Curling, Véhicule tout-terrain
- 26 Centre de conférence
- 27 Maison du Jardinier, Camp Explora
- 28 ChocoMotive : écomusée du chocolat
- 29 Parc Oméga
- 30 Passage souterrain vers le Centre sportif (piscine et spa)

Walking Paths

- 3 km
- 4.7 km
- Lover's stroll
- Path to the Village

- 1 Land Rover Experience Driving School
- 2 Sports centre, Indoor pool, Squash, Tennis, Spa
- 3 Yacht Club, Pontoon boat, Ice fishing
- 4 Heli-pad

- 5 Bonfire
- 6 Tube Sliding
- 7 Le Riverain Terrace
- 8 Gazebos
- 9 Outdoor pool
- 10 Outdoor BBQ
- 11 Stables, horseback riding, Sleigh rides
- 12 Summer: Marquee
- 13 Children's Playground, Mini-golf
- 14 Sports chalet, Equipment rental (summer)
- 15 Outdoor tennis courts
- 16 SUMMER: Start of nature paths
WINTER: Start of cross-country ski trails, Dogsledding
- 17 Granary of Manoir-Papineau
- 18 Manoir-Papineau National Historic Site
- 19 Anglican Church
- 20 Papineau Funeral Chapel
- 21 Main entrance to resort
- 22 Golf Clubhouse
- 23 Heritage Room

- 24 Skating rinks
- 25 Snowmobiling, Curling, Cross-country skiing, All-terrain vehicles
- 26 Conference Centre
- 27 Gardener's House, Camp Explora
- 28 ChocoMotive: Chocolate Ecomuseum
- 29 Parc Oméga
- 30 Pedestrian tunnel to Sports centre (indoor pool and spa)

LÉGENDE

LEGEND

NK2015 – Program at a glance

	2-May-15	3-May-15	4-May-15	5-May-15	6-May-15	
		Breakfast : 6:30 AM to 8:30 AM				
8:30 AM		NK CELL IN ANTI-TUMOR IMMUNITY (1)	NK CELL EDUCATION AND SUBSETS (1)	NK CELLS IN ANTI- VIRAL IMMUNITY	NK CELL RECEPTORS IN IMMUNE SURVEILLANCE (1)	8:30 AM
9:00 AM						9:00 AM
9:30 AM						9:30 AM
10:00 AM						10:00 AM
10:30 AM		Coffee Break	Coffee Break	Coffee Break	Coffee Break	10:30 AM
11:00 AM		NK CELL IN ANTI-TUMOR IMMUNITY (2)	NK CELL EDUCATION AND SUBSETS (2)	NK CELL ACTIVATION	NK CELL RECEPTORS IN IMMUNE SURVEILLANCE (2)	11:00 AM
11:30 AM						11:30 AM
12:00 PM						12:00 PM
12:30 PM		Lunch	Lunch	Lunch	Lunch	12:30 PM
1:00 PM						1:00 PM
1:30 PM		Free Time	Free Time	Free Time	DEPARTURES	1:30 PM
2:00 PM	Arrival & Check In Registration	NK CELL MEMORY	INNATE LYMPHOID CELLS	NK CELL DEVELOPMENT AND DIFFERENTIATION		2:00 PM
2:30 PM						2:30 PM
3:00 PM						3:00 PM
3:30 PM						3:30 PM
4:00 PM				POSTER SESSION 3		4:00 PM
4:30 PM		Free Time	Free Time			4:30 PM
5:00 PM	Welcome & Introduction					5:00 PM
5:30 PM	Keynote Lecture					5:30 PM
6:00 PM			Free Time			6:00 PM
6:30 PM	Free Time	Dinner	Dinner			6:30 PM
7:00 PM						7:00 PM
7:30 PM	Welcome Dinner (Barbecue)	POSTER SESSION 1	POSTER SESSION 2	BANQUET		7:30 PM
8:00 PM						
8:30 PM						8:30 PM
9:00 PM						9:00 PM
9:30 PM						9:30 PM
10:00 PM						10:00 PM
10:30 PM				AFTER-BANQUET ENTERTAINMENT	10:30 PM	
11:00 PM					11:00 PM	
11:30 PM					11:30 PM	