



# **19<sup>th</sup> International Conference on Lymphatic Tissues and Germinal Centres in Immune Reactions**

September 14-17, 2017  
San Servolo Island, Venice - Italy

## **Program**

## Thursday, 14 September 2017

15:30	17:30	Registration
17:30	18:30	<i>Welcome refreshment</i>
18:30	18:50	<b><i>Celebrating 50 years of germinal center discoveries</i></b> <b>Marie Kosco-Vilbois</b> , <i>NovImmune SA, Geneva, CH</i> <b>Frans Kroese</b> , <i>University Medical Center, Groningen, NL</i>
18:50	19:30	<b>Keynote:</b> <b>Tasuku Honjo</b> , <i>Kyoto University Graduate School of Medicine, JP</i> Immune regulation for cancer therapy by PD-1 blockade
19:30	20:30	<i>Dinner Buffet</i>
20:00	21:00	Poster Session setup
21:00	23:00	<b>Poster Session 1</b> - <i>drinks &amp; snacks</i>

## Friday, 15 September 2017

07:30	08:45	<i>Breakfast</i>
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### SESSION 1: Germinal centre B cell selection

08:45	09:10	<b>Michel C. Nussenzweig</b> , <i>The Rockefeller University, New York, US</i> Regulation of Cell Death in the Germinal Center
09:10	09:30	<b>Yongrui Zou</b> , <i>The Feinstein Institute for Medical Research, Manhasset, US</i> The magnitude of germinal center reactions is restricted by a fixed number of pre-existing niches
09:30	09:50	<b>Inken Kelch</b> , <i>The University of Auckland, NZ</i> 3D mapping of the conduit network in whole murine LNs
09:50	10:15	<b>Garnett Kelsoe</b> , <i>Duke University, Durham, US</i> How does affinity-driven selection operate in Germinal Centers? Testing the standard models
10:15	10:35	<b>Ziv Shulman</b> , <i>The Weizmann Institute, Rehovot, IL</i> B cell-ICAMs promote clonal selection for proliferative expansion by supporting B cell interactions with T follicular helper cells
10:35	11:00	<i>Coffee break</i>

### SESSION 2: Signals controlling germinal centre B cell dynamics

11:00	11:25	<b>Mark Jay Shlomchik</b> , <i>University of Pittsburgh, US</i> Signals and Energetics of Germinal Center B Cells
11:25	11:45	<b>Hua Gu</b> , <i>The Montreal Clinic Research Institute, CA</i> CBL-mediated ubiquitination controls both the entry and exit of the germinal center reaction
11:45	12:10	<b>Carola Vinuesa</b> , <i>Australian National University, Canberra, AU</i> Control of human germinal center responses by follicular T cells
12:10	12:30	<b>Michael Meyer-Hermann</b> , <i>Helmholtz Centre for Infection Research, Braunschweig, DE</i> B cell information processing in germinal centre
12:30	12:50	<b>EMBO Young Investigator Lecture:</b> <b>Michelle Linterman</b> , <i>Babraham Institute, Cambridge, UK</i> CXCL13 modulates B cell trafficking into the lung during influenza infection and initiates tertiary germinal centre formation
12:50	14:00	<i>Lunch buffet</i>
13:00	13:30	<b>“CRISPR buffet”</b> sponsored by Merck (upon confirmation to Secretariat onsite) - Room 2

**SESSION 3: T/B crosstalk in germinal centres**

14:00	14:25	<b>Hai Qi</b> , <i>Tsinghua University, Beijing, CN</i> Development of memory B cells in germinal centers
14:25	14:45	<b>Di Yu</b> , <i>Australian National University, Acton, AU</i> Hypoleptinemia impairs TFH cell function and confers the risk of poor vaccine responses
14:45	15:10	<b>Shane Crotty</b> , <i>La Jolla Institute for Allergy and Immunology, US</i> GC Tfh and GC B cell responses in the context of vaccines and infections
15:10	15:30	<b>Ilenia Papa</b> , <i>Australian National University, Canberra, AU</i> TFH-derived dopamine accelerates productive T:B synapses in human germinal centres
15:30	15:55	<b>Chen Dong</b> , <i>Tsinghua University, Beijing, CN</i> Regulation and function of T follicular helper and regulatory cells
15:55	16:15	<b>Stéphane Rodriguez</b> , <i>INSERM - UMR1236, Rennes, FR</i> Follicular Lymphoma regulatory T cell function and origin
16:15	16:45	<i>Coffee break</i>

**SESSION 4: Germinal centre B cells and amino acid metabolism**

16:45	17:10	<b>Gabriel D. Victora</b> , <i>The Rockefeller University, New York, US</i> Germinal center selection and affinity maturation require dynamic regulation of mTORC1 kinase
17:10	17:35	<b>Facundo Batista</b> , <i>Ragon Institute of MGH, MIT and Harvard, Cambridge, US</i> B Cell Activation Induces a Switch from Canonical to non-Canonical Autophagy that Shapes B Cell Fate

**SESSION 5: Immune checkpoints in health and disease**

17:35	18:00	<b>Nils Lonberg</b> , <i>Bristol-Myers Squibb, New York, US</i> Reactivating dormant immune responses to cancer cells
18:00	18:20	<b>Marie Kosco-Vilbois</b> , <i>NovImmune SA, Geneva, CH</i> Targeting malignant B cells by multiple mechanisms
18:20	18:45	<b>Sidonia Fagarasan</b> , <i>IMS Riken, Yokohama, JP</i> Involvement of PD-1 in antibody diversification and body homeostasis
18:45	19:30	Poster session setup
19:30	21:00	<i>Dinner buffet</i>
21:00	23:00	<b>Poster session 2 - drinks &amp; snacks</b>

## Saturday, 16 September 2017

07:30	08:30	<i>Breakfast</i>
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### SESSION 6: Antibody diversification

08:30	08:55	<b>Jean-Claude Weill</b> , <i>INSERM, Paris, FR</i> Pms2 and uracyl-DNA glycosylases generate A/T mutations during SHM
08:55	09:15	<b>Joshy Jacob</b> , <i>Emory University, Atlanta, US</i> Gene conversion is the dominant mechanism of somatic hypermutation in mice and humans
09:15	09:35	<b>Almudena R. Ramiro</b> , <i>CNIC - Spanish National Center for Cardiovascular Research, Madrid, ES</i> A broad mutational map of Germinal Center B cells unveils mechanisms of AID targeting, repair and lymphomagenesis
09:35	10:00	<b>Antonio Lanzavecchia</b> , <i>Institute for Research in Biomedicine, Bellinzona, CH</i> Antibody diversification by somatic mutations and DNA transposition
10:00	10:20	<b>Michel Cogné</b> , <i>Limoges University, FR</i> AID-dependent cell death shaping the B-cell repertoire
10:20	10:45	<i>Coffee break</i>

### SESSION 7: Germinal centre exit

10:45	11:10	<b>David Tarlinton</b> , <i>Monash University, Melbourne, AU</i> Guiding B Cells In and Out of Germinal Centers: Many are Called but Few are Chosen
11:10	11:30	<b>Tomohiro Kurosaki</b> , <i>WPI Immunology Frontier Research Center, Osaka, JP</i> Selection mechanism of germinal center cells into plasma fate
11:30	11:50	<b>Ulf Klein</b> , <i>University of Leeds, UK</i> NF-KappaB transcription Factors in Germinal Center B cell development
11:50	12:15	<b>Kai-Michael Toellner</b> , <i>University of Birmingham, UK</i> Signals for the generation of germinal centre derived output cells
12:15	12:35	<b>Dinis Calado</b> , <i>The Francis Crick Institute, London, UK</i> BCL6, MYC and the germinal centre reaction: what are we miz-sing
12:35	13:45	<i>Lunch buffet</i>
14:00	18:00	<i>Excursion (tour by boat)</i>
20:00	23:00	<b>Social Dinner &amp; Live Music</b>

## Sunday, 17 September 2017

07:30	08:45	<i>Breakfast</i>
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### SESSION 8: Memory B cells in health and disease

08:45	09:10	<p><b>Claude-Agnès Reynaud</b>, <i>INEM, Paris, FR</i>  A splenic IgM memory subset harboring anti-bacterial specificities is sustained from persistent Peyer's patch germinal center reactions</p>
09:10	09:30	<p><b>Victor Tybulewicz</b>, <i>The Francis Crick Institute, London, UK</i>  Signaling pathways controlling survival of naïve and memory B cells</p>
09:30	09:50	<p><b>Imogen Moran</b>, <i>Garvan Institute of Medical Research, Sydney, AU</i>  Where and how memory cells are reactivated in the secondary antibody response in the lymph node</p>
09:50	10:10	<p><b>Matteo Iannacone</b>, <i>San Raffaele Scientific Institute, Milan, IT</i>  Viral subversion of B cell responses</p>
10:10	10:40	<i>Coffee break</i>

### SESSION 9: Germinal centre epigenetics

10:40	11:00	<p><b>Wendy Beguelin</b>, <i>Weill Cornell Medicine, New York, US</i>  EZH2 enables germinal center formation through epigenetic silencing of Cdkn1a and Rb-E2F1 positive feedback loop</p>
11:00	11:20	<p><b>Kim Good-Jacobson</b>, <i>Monash University, Melbourne, AU</i>  The role of histone-modifying complexes in regulating B cell programs to infection</p>
11:20	11:40	<p><b>Dirk Baumjohann</b>, <i>LMU Munich, DE</i>  MicroRNAs are critical regulators of TFh cell identity and germinal center maintenance</p>

**SESSION 10: Germinal centres and lymphomas**

11:40	12:05	<b>EMBO Special Lecture:</b> <b>Klaus Rajewsky</b> , <i>The Max Delbrück Center for Molecular Medicine, Berlin, DE</i> (Title:TBD)
12:05	12:25	<b>Stefano Casola</b> , <i>IFOM - The FIRC Institute of Molecular Oncology, Milan, IT</i> The B cell antigen receptor is a tumor fitness determinant in MYC-driven lymphomas
12:25	12:45	<b>Bruno Amati</b> , <i>European Institute of Oncology (IEO) - Italian Institute of Technology (IIT), Milan, IT</i> Pre-clinical and genetic modeling of MYC/BCL2 double-hit lymphoma
12:45	13:10	<b>Riccardo Dalla-Favera</b> , <i>Institute for Cancer Genetics, Columbia University, New York, US</i> Genetic Lesions Leading to Germinal-Center Derived Diffuse Large B Cell Lymphoma
13:10	14:10	<i>Box Lunch</i>
		<i>Depart</i>

last update: August 28, 2017