

No registration fees are used to fund entertainment or alcohol at this conference

Conference Program [Print](#) | [View meeting in 12 hr \(am/pm\) time](#)

The meeting will begin on Sunday, March 26 with registration from 16:00 to 20:00 and a welcome mixer from 18:00 to 20:00. Conference events conclude on Thursday, March 30 with a closing plenary session from 17:00 to 19:00, followed by a social hour and entertainment. We recommend return travel on Friday, March 31 in order to fully experience the meeting.

SUNDAY, MARCH 26

16:00–20:00 **Arrival and Registration** [Grand Foyer](#)

18:00–20:00 **Welcome Mixer** [Grand Foyer](#)
No registration fees are used to fund alcohol served at this function.

MONDAY, MARCH 27

07:00–08:00 **Breakfast** [Sea to Sky B](#)

08:00–09:00 **Welcome and Keynote Address** [Sea to Sky C](#)
Meeting has ended...abstracts no longer viewable online.

* **David A. Hafler**, Yale University School of Medicine, USA

James P. Allison, University of Texas MD Anderson Cancer Center, USA
Cancer Immunotherapy

09:00–11:15 **Tissue Micro-Immune Environments in Tumors and Autoimmune Tissue Inflammation** [Sea to Sky C](#)
Meeting has ended...abstracts no longer viewable online.

Padmanee Sharma, University of Texas MD Anderson Cancer Center, USA
From the Clinic to the Lab: Investigating Response and Resistance Mechanisms to Immune Checkpoint Therapy

Coffee Break

Jennifer L. Gommerman, University of Toronto, Canada
Compartmentalization of B Cells During CNS Inflammation

* **Jane L. Grogan**, Genentech, Inc., USA
Immunoregulatory Roles of TIGIT and PVR-nectin Family in Tumors

Abigail E. Overacre, University of Pittsburgh, USA
Short Talk: Interferon-gamma drives Treg Functional Instability thereby Promoting Anti-Tumor Immunity

11:15–17:00 **On Own for Lunch**

11:15–13:00 **Poster Setup** [Sea to Sky B](#)

13:00–22:00 **Poster Viewing** [Sea to Sky B](#)

14:30–16:30 **Workshop 1: Effector T Cells** [Sea to Sky C](#)

* **Thomas Korn**, Technical University Munich, Germany

* **Jane L. Grogan**, Genentech, Inc., USA

June-Yong Lee, New York University School of Medicine, USA
Systemic and Local Functions of Serum Amyloid A (SAA) in Th17 Cell Pathogenicity

Jinju Lee, Kyoto University Graduate School of Medicine, Japan
Regulation of Th17 Expansion by PGE2-EP2/EP4 Signaling and its Clinical Implication

Pradip Nair, Biocon Research Limited, India
T Cell Activation and Differentiation to Th17 Cells is Modulated by a CD6 Domain 1 Antibody Itolizumab

Patricia Castillo, University of Pittsburgh, USA
Disrupted Enteric Th17 Signaling Exacerbates Autoimmune Inflammation

Michael Waterfield, University of California, San Francisco, USA
Characterization of a Novel Epigenetic Regulator Required for Th17 Differentiation

Mark S. Sundrud, The Scripps Research Institute, USA
The Xenobiotic Transporter Mdr1 Permits T Cell Adaptation to Mucosa-Associated Bile Acids in the Ileum

Geoffrey Alexander Smith, University of California, San Francisco, USA
IL-2RB Receptor Levels Tune T-Cell IL-2 Responses by Altering Signaling Dynamics in Different T Cell Subsets

Peter A. Morawski, NIAID, National Institutes of Health, USA
Brain Infiltrating CD8+ T Cells in Lupus-Prone Mice

16:30–17:00	Coffee Available	Grand Foyer
17:00–19:00	Basic Mechanisms of T Cell Tolerance Meeting has ended...abstracts no longer viewable online.	Sea to Sky C
	* Jeffrey A. Bluestone , University of California, San Francisco, USA <i>Treg Biology and Treatment in Autoimmune Diseases and Cancer</i>	
	David A. Hafler , Yale University School of Medicine, USA <i>IFNgamma Identifies Dysfunctional Regulatory T Cells in Autoimmunity and Cancer</i>	
	Alexander Y. Rudensky , HHMI/Memorial Sloan Kettering Cancer Center, USA <i>Regulatory T Cells in Cancer</i>	
19:00–20:00	Social Hour with Lite Bites No registration fees are used to fund alcohol served at this function.	Sea to Sky B
19:30–22:00	Poster Session 1	Sea to Sky B

TUESDAY, MARCH 28

07:00–08:00	Breakfast	Sea to Sky B
08:00–11:00	Metabolic Regulation of T Cell Function in Cancer and Autoimmunity Meeting has ended...abstracts no longer viewable online.	Sea to Sky C
	* Erika L. Pearce , Max Planck Institute of Immunobiology and Epigenetics, Germany <i>How Metabolism Influences CD8 Cells in Cancer</i>	
	Douglas R. Green , St. Jude Children's Research Hospital, USA <i>Cell Death and Resuscitation: To the Edge of Necroptosis and Back</i>	
	Coffee Break	
	Jens Titze , Vanderbilt University, USA <i>Rethinking Sodium Metabolism</i>	

	<p>Tomokazu Sumida, Yale School of Medicine, USA <i>Short Talk: Beta-catenin Links High Salt and Proinflammatory Signature in Treg</i></p> <p>Seungho Lee, Yonsei University, South Korea <i>Short Talk: Exploration of Tumor Microenvironment and Metabolism using Tumor Infiltrating Lymphocytes and FDG-PET CT</i></p>	
11:00–17:00	On Own for Lunch	
11:00–13:00	Poster Setup	Sea to Sky B
13:00–22:00	Poster Viewing	Sea to Sky B
14:30–16:30	Workshop 2: Tregs in Autoimmunity and Cancer	Sea to Sky C
	<p>* Alexander Y. Rudensky, HHMI/Memorial Sloan Kettering Cancer Center, USA</p> <p>* Ana Carrizosa Anderson, Harvard Medical School, USA</p> <p>Liliana Elisa Lucca, Yale University, USA <i>PD-1 Marks Dysfunctional Regulatory T Cells in Malignant Gliomas</i></p> <p>Maran L. Sprouse, Baylor College of Medicine, USA <i>High CD5 Expression is a Marker of Functional Regulatory T Cells in Autoimmunity</i></p> <p>Catherine Konopacki, Memorial Sloan Kettering Cancer Center, USA <i>Foxp1 Is a Foxp3 Binding Partner that Contributes to Regulatory T Cell Stability and Function</i></p> <p>Allison L. Bayer, University of Miami School of Medicine, USA <i>Immunomodulation Requirements for Treg Immunotherapy for Autoimmune Diabetes</i></p> <p>Danbee Ha, Osaka University, Japan <i>ADCC-Mediated in vitro Depletion of Human Treg Cells by Anti-CTLA-4 mAb Enhances CD8+ T Cell Responses against Self/Tumor Antigens</i></p> <p>David Bauche, Merck, USA <i>Foxp3+ Regulatory T Cells Prevent from ILC3-Driven Colitis</i></p> <p>Wenxian Fu, University of California, San Diego, USA <i>A Tissue-Resident Macrophage Specific Coinhibitory Molecule Promotes Regulatory T Cell Differentiation and Stability</i></p> <p>Dana Catherine Gilmore, University of Chicago, USA <i>Identification of Natural Peptide Epitopes Recognized by Regulatory T Cells</i></p>	
16:30–17:00	Coffee Available	Grand Foyer
17:00–19:00	Effector T Cell Dysfunction: Surface Receptors in Autoimmunity vs. Cancer Meeting has ended...abstracts no longer viewable online.	Sea to Sky C
	<p>* Arlene H. Sharpe, Harvard Medical School, USA <i>Role of Coinhibitory Receptors in Controlling Effector T Cells</i></p> <p>E. John Wherry, University of Pennsylvania, USA <i>Molecular Basis of T Cell Exhaustion: Insights for Immunotherapy</i></p> <p>Ana Carrizosa Anderson, Harvard Medical School, USA <i>T Cell Dysfunction: From Co-Inhibitory Receptors to Molecular Programs</i></p> <p>Christopher E. Rudd, University of Montreal, Canada <i>Short Talk: A Next Generation Approach using Small Molecules to Inhibit PD-1 Transcription Is as Effective as Anti-PD-1/PL1</i></p>	

Biologics in Immunotherapy

19:00–20:00	Social Hour with Lite Bites No registration fees are used to fund alcohol served at this function.	Sea to Sky B
19:30–22:00	Poster Session 2	Sea to Sky B

WEDNESDAY, MARCH 29

07:00–08:00	Breakfast	Sea to Sky B
08:00–11:00	Innate Regulation of Autoimmunity and Cancer Meeting has ended...abstracts no longer viewable online. Nina Bhardwaj , Icahn School of Medicine at Mt Sinai, USA <i>Role of Dendritic Cells and NK Cells in Mediating Anti-Tumor Responses</i> Federica Sallusto , Università della Svizzera Italiana & ETH Zurich, Switzerland <i>Autoreactive T Cells in Narcoleptic Patients</i> Coffee Break * Carla V. Rothlin , Yale University, USA <i>Innate Immune Checkpoints in Anti-Tumor Immunity</i> Mark J. Smyth , QIMR Berghofer Medical Research Institute, Australia <i>Barriers to NK Cell Control of Cancer</i> Keiji Hirota , Institute for Frontier Life and Medical Sciences, Kyoto University, Japan <i>Short Talk: An Inflammatory Cellular Network of Autoimmune Th17 Cells, GM-CSF-Producing ILCs and Synoviocytes in the Development of Autoimmune Arthritis</i>	Sea to Sky C
11:00–17:00	On Own for Lunch	
11:00–13:00	Poster Setup	Sea to Sky B
13:00–22:00	Poster Viewing	Sea to Sky B
14:30–16:30	Workshop 3: T Cell Tolerance, Exhaustion and Dysfunction in Autoimmunity and Cancer * Kenneth Smith , University of Cambridge, UK Rachel S. Friedman , National Jewish Health and University of Colorado, Denver, USA <i>MerTK Mediates T Cell Tolerance in the Pancreatic Islets during Type 1 Diabetes</i> Yemsratch T. Akalu , Yale University School of Medicine, USA <i>An eMERging Target in Cancer Immunotherapy</i> Rachael Bashford-Rogers , University of Cambridge, UK <i>Using High-Throughput Sequencing to Reveal Insights into the Relationship between B-Cell Repertoire, Phenotype and Function in Health, Cancer and Autoimmune Disease</i> David M. Sansom , University College London Medical School, UK <i>CTLA-4 Mutations from Patients with Immune Dysregulation Syndromes Inform our Understanding of CTLA-4 Function</i> Jennifer Lori Blanchfield , Emory University, USA <i>MOG-Specific Tolerance Mechanisms Limit Autoimmune Demyelinating Disease following Bacterial Delivery of MOG Epitope</i> John R. Sedy , Sanford Burnham Prebys Medical Discovery Institute, USA <i>Cancer Mutations Targeting TNFRSF14 alter Microenvironment</i>	Sea to Sky C

Checkpoint Interactions to Limit Tumor Clearance by Cytotoxic Cells

Greg M. Delgoffe, University of Pittsburgh, USA
Defects in Mitochondrial Biogenesis and Oxidative Function Underlie Tumor-Infiltrating T Dysfunction

16:30–17:00	Coffee Available	Grand Foyer
17:00–19:00	B Cell Regulation of Autoimmunity Meeting has ended...abstracts no longer viewable online.	Sea to Sky C
	<p>* Antonio Lanzavecchia, Institute for Research in Biomedicine, Switzerland <i>Mechanisms of Antibody Diversification</i></p> <p>Kenneth Smith, University of Cambridge, UK <i>Predicting and Explaining the Future: A New Biology of Clinical Outcome in Autoimmunity?</i></p> <p>Alicia Gonzalez-Martin, The Scripps Research Institute, USA <i>Short Talk: MicroRNA Control of B Cell Tolerance and Autoimmunity</i></p> <p>Bonnie Huang, NHGRI, National Institutes of Health, USA <i>Short Talk: Dissecting T Follicular Helper Cell Development in vivo using CRISPR</i></p>	
19:00–20:00	Social Hour with Lite Bites No registration fees are used to fund alcohol served at this function.	Sea to Sky B
19:30–22:00	Poster Session 3	Sea to Sky B

THURSDAY, MARCH 30

07:00–08:00	Breakfast	Sea to Sky B
08:00–11:15	Ten Years of Discovery of Th17 Cells: From Bench to Bedside Meeting has ended...abstracts no longer viewable online.	Sea to Sky C
	<p>* Vijay K. Kuchroo, Brigham and Women's Hospital, Harvard Medical School, USA <i>Transcriptional Networks in Development of Th17 Cells</i></p> <p>Dan R. Littman, HHMI/New York University School of Medicine, USA <i>Th17 Cells in the Gut Homeostasis</i></p> <p>Coffee Break</p> <p>Thomas Korn, Technical University Munich, Germany <i>Trans-presentation of IL-6 by Dendritic Cells - A Novel Mode of IL-6 Signaling - Is Required for the Priming of Pathogenic TH17 Cells in vivo</i></p> <p>Daniel J. Cua, Merck Research Laboratories, USA <i>The IL-23-Th17 Immune Axis: From Mechanisms to Therapeutic Testing</i></p> <p>Dhaval Kumar D. Patel, Inflazome, Switzerland <i>Therapeutic Targeting of Th17 Cells in Autoimmune Diseases</i></p>	
11:15–17:00	On Own for Lunch	
16:30–17:00	Coffee Available	Grand Foyer
17:00–18:45	Systems Biology Approaches to Understanding Tolerance in Cancer and Autoimmunity Meeting has ended...abstracts no longer viewable online.	Sea to Sky C
	<p>* Frank Oliver Nestle, Sanofi, USA <i>Deciphering the Rules of Engagement of Tissue Immunity</i></p>	

Alex Marson, University of California, San Francisco, USA
Decoding T Cell Circuitry

Meromit Singer, Broad Institute, USA
Short Talk: Identification and Validation of a Gene Module Specific for T Cell Dysfunction in Tumor via Population and Single-Cell Transcriptomics

18:45–19:00	Meeting Wrap-Up: Outcomes and Future Directions (Organizers) Meeting has ended...abstracts no longer viewable online.	Sea to Sky C
19:00–20:00	Social Hour with Lite Bites No registration fees are used to fund alcohol served at this function.	Sea to Sky B
20:00–23:00	Entertainment Entertainment is not subsidized by conference registration fees nor any U.S. federal government grants. Funding for this expense is provided by other revenue sources.	Sea to Sky B

FRIDAY, MARCH 31

Departure

*Session Chair †Invited, not yet responded.

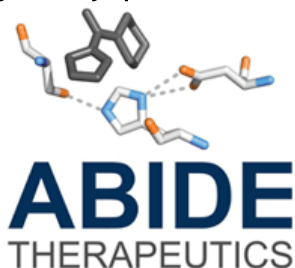
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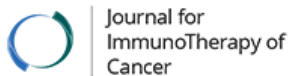


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