

EXPLORING THE LYMPHATIC CONTINUUM
LYMPHATIC FORUM 2023
 Banff, Alberta, Canada • June 13-17, 2023

Tuesday, June 13

	Arrival and Registration: Max Bell Auditorium
6:30–7:30 PM	Opening Reception: Max Bell Foyer and ETCBR
7:30–10:30 PM	Patient-Oriented Session: Max Bell Auditorium Chairs: Stan Rockson, <i>Stanford, CA</i> and Ian Soles, <i>Edmonton, Canada</i>

Wednesday, June 14

7:00–9:00 AM	Breakfast: Vistas Dining Room
9:00–11:45 AM	Plenary Session (Across Organs): Max Bell Auditorium
	Session 1–Lymphatic Development Chair: Carrie Shawber, <i>Columbia University, New York, NY</i>
9:00–9:30 AM	Invited Talk: <i>Spatiotemporal Reconstruction of the Origin and Assembly of the Villus Muscular-lacteal Complex;</i> Natasza Kurpios, <i>Cornell University, Ithaca, NY</i>
9:30–10:10 AM	Invited Talk: <i>Morphogenesis of Schlemm’s Canal Via the Crosstalk With the Trabecular Meshwork in Glaucomatous Pathology;</i> Tsutomu Kume, <i>Northwestern University, Chicago, IL</i>
10:00–10:30 AM	Invited Talk: <i>Growth Factor-small GTPase Interplay for Lymphangiogenesis Regulation;</i> Constantinos Mikelis, <i>University of Patras, Greece</i>
10:30–11:00 AM	Coffee Break: Max Bell Central Foyer
11:00–11:30 AM	Invited Talk: <i>The Cell Lineage and Patterning of the Coronary Lymphatic Vasculature;</i> Miguel Torres, <i>CNIC, Madrid, Spain</i>
11:30–11:45 AM	Short Talk Selected from Abstracts; TBD
11:45–1:15 PM	Lunch: Vistas Dining Room
1:15–3:30 PM	Plenary Session (Across Organs): Max Bell Auditorium
	Session 2–Lymphatic Function and Transport (Sponsored by The Microcirculatory Society, Inc.); Chair: Brandon Dixon, <i>Georgia Tech, Atlanta, GA</i>
1:15–1:45 PM	Invited Talk: <i>Valve Development In Embryonic Lymphatic Vasculature: What Decides Where?;</i> Christopher Bertram, <i>University of Sydney, Australia</i>
1:45–2:15 PM	Invited Talk: <i>Trpv4 Modulation of Lymphatic Vascular Function: Implications In Metabolic Syndrome;</i> Jorge Castorena-Gonzalez, <i>Tulane University, New Orleans LA</i>
2:15–2:45 PM	Invited Talk: <i>Stickin’ and Pumpin’: Unravelling the Interplay Between Extracellular Vesicles and Lymphatic Function;</i> Catherine Martel, <i>Montreal Heart Institute, Montreal, Canada</i>
2:45–3:00 PM	Short Talk Selected from Abstracts; TBD
3:00–3:15 PM	Short Talk Selected from Abstracts; TBD
3:15–3:30 PM	Short Talk Selected from Abstracts; TBD
4:00–6:00 PM	Poster Session 1/Exhibitors: Max Bell 251 and 253
	Dinner (on your own)

Thursday, June 15

7:00–8:30 AM	Breakfast: Vistas Dining Room	
8:30–10:30 AM	Concurrent Sessions (Organ Specific): Max Bell 252 and Max Bell Auditorium	
	Session 3–Airway & Lung Lymphatics Chair: Peter Baluk, <i>UCSF, CA</i>	Session 4–Skin Lymphatics; Chair: Cornelia Halin Winter, <i>ETH Zürich, Switzerland</i>
8:30–9:00 AM	Invited Talk: <i>Abnormal Lymphatic S1P Signaling Aggravates Lymphatic Dysfunction and Tissue Inflammation;</i> Mark Nicolls, <i>Stanford University, Stanford, CA</i>	Invited Talk: <i>Visualizing Vascular Mechanisms of Tissue Sodium Storage;</i> Rachele Crescenzi, <i>Vanderbilt University Medical Center, Nashville, TN</i>
9:00–9:30 AM	Invited Talk: <i>Targeting the Pulmonary Lymphatics In the Response to Lung Injury;</i> Hasina Outtz Reed, <i>Cornell Weill Medical College, New York, NY</i>	Invited Talk: <i>Microneedles Generated Naked Eye Invisible Fluorescent Microtattoos for the Noninvasive Structural and Functional Assessment of Lymphatic System;</i> Davide Brambilla, <i>Université de Montréal, Canada</i>
9:30–9:45 AM 9:45–10:00 AM 10:00–10:15 AM 10:15–10:30 AM	Short Talk Selected from Abstracts; TBD Short Talk Selected from Abstracts; TBD Short Talk Selected from Abstracts; TBD Short Talk Selected from Abstracts; TBD	Short Talk Selected from Abstracts; TBD Short Talk Selected from Abstracts; TBD Short Talk Selected from Abstracts; TBD Short Talk Selected from Abstracts; TBD
10:30–11:00 AM	Coffee Break: Max Bell Central Foyer	
11:00 AM–1:00 PM	Concurrent Sessions (Organ Specific): Max Bell 252 and Max Bell Auditorium	
	Session 5–Vascular and Heart Lymphatics Chair: Mark Kahn, <i>University of Pennsylvania, Philadelphia, PA</i>	Session 6–Liver and Kidney Lymphatics Chair: Craig Jenne, <i>University of Calgary, Alberta, Canada</i>
11:00–11:30 AM	Invited Talk: <i>Beneficial Impact of Lymphatic Remodeling in Cardiac Hypertrophy;</i> Ebba Brakkenhielm, <i>University of Rouen, France</i>	Invited Talk: <i>Renal Lymphatics and Hypertension;</i> Brett Mitchell, <i>Texas A&M University College of Medicine, Bryan, TX</i>
11:30 AM–12:00 PM	Invited Talk: <i>Pathophysiology and Treatment of Lymphovenous Edema;</i> Andrzej Szuba, <i>Wroclaw Medical University, Poland</i>	Invited Talk: <i>Oxidized Low-Density Lipoprotein Drives Dysfunction of the Liver Lymphatic System;</i> Matthew A. Burchill, <i>University of Colorado Anschutz, Aurora, CO</i>
12:00–12:15 PM 12:15–12:30 PM 12:30–12:45 PM 12:45–1:00 PM	Short Talk Selected from Abstracts; TBD Short Talk Selected from Abstracts; TBD Short Talk Selected from Abstracts; TBD Short Talk Selected from Abstracts; TBD	Short Talk Selected from Abstracts; TBD Short Talk Selected from Abstracts; TBD Short Talk Selected from Abstracts; TBD Short Talk Selected from Abstracts; TBD
1:00–2:30 PM	Lunch: What Philanthropists Are Looking for in Funding Research Dianne and Irving Kipnes, <i>Edmonton, Canada</i>	
2:30–4:30 PM	Poster Session 2/Exhibitors: Max Bell 251 and 253	
	Free time and dinner on your own	

Friday, June 16

7:00–8:30 AM	Breakfast: Vistas Dining Room
8:30–10:45 AM	Plenary Sessions (Across Organs): Max Bell Auditorium
	Session 7–Lymphatics, Cancer, and Metastasis Chair: Mihaela Skobe, <i>Mt. Sinai Hospital, New York, NY</i>
8:30–9:00 AM	Invited Talk: <i>Mechanisms of Immune Suppression in Metastatic Lymph Nodes;</i> Timothy Padera, <i>Massachusetts General Hospital, Boston, MA</i>

Friday, June 16 (Cont.)

9:00–9:30 AM	Invited Talk: <i>Lymphangiogenesis Promotes Immune Tolerance During Breast Adenocarcinoma Development</i> ; Barbara Garmy-Susini, University of Toulouse, France	
9:30–10:00 AM	Invited Talk: <i>Inflammatory Microenvironment and Tumor Lymphatic Interactions in Progression of Cholangiocarcinoma</i> ; Sanjukta Chakraborty, Texas A&M University College of Medicine, Bryan, TX	
10:00–10:15 AM	Short Talk Selected from Abstracts; TBD	
10:15–10:30 AM	Short Talk Selected from Abstracts; TBD	
10:30–10:45 AM	Short Talk Selected from Abstracts; TBD	
10:45–11:00 AM	Coffee Break: Max Bell Central Foyer	
11:00 AM–1:00 PM	Concurrent Sessions (Organ Specific): Max Bell 252 and Max Bell Auditorium	
	Session 8–Gastrointestinal Lymphatics Chair: David Zawieja, Texas A&M University College of Medicine, Bryan, TX	Session 9–Lymphatics in the Brain Chair: Jonathan Kipnis, Washington University, St. Louis, MO
11:00–11:30 AM	Invited Talk: <i>Role of Lipid Metabolism in Lymphatic Integrity</i> ; Vincenza Cifarelli, Saint Louis University School of Medicine, St. Louis, MO	Invited Talk: <i>Neuroinflammation Induces Lymphangiogenesis in the Brain</i> ; ZsuZsanna Fabry, University of Wisconsin, Madison, WI
11:30 AM–12:00 PM	Invited Talk: <i>Gut Microbiome and Shaping Intestinal Lymphatics</i> ; Kathy McCoy, University of Calgary, Alberta, Canada	Invited Talk: <i>Functional Links Between Meningeal Lymphatic Drainage and Brain Myelination</i> ; Sandro Da Mesquita, Ph.D., Mayo Clinic, Jacksonville, FL
12:00–12:15 PM	Short Talk Selected from Abstracts; TBD	Short Talk Selected from Abstracts; TBD
12:15–12:30 PM	Short Talk Selected from Abstracts; TBD	Short Talk Selected from Abstracts; TBD
12:30–12:45 PM	Short Talk Selected from Abstracts; TBD	Short Talk Selected from Abstracts; TBD
12:45–1:00 PM	Short Talk Selected from Abstracts; TBD	Short Talk Selected from Abstracts; TBD
1:00–2:30 PM	Lunch: Vistas Dining Room	
2:30–4:45 PM	Plenary Session (Across Organs): Max Bell Auditorium	
	Session 10–Immunity and Infection Chair: John Conly, University of Calgary, Alberta, Canada	
2:30–3:00 PM	Invited Talk: <i>Macrophage-mediated Lymphangiogenesis Restricts Dermal Immunopathology During Leishmania Infection</i> ; Tiffany Weinkopff, University of Arkansas for Medical Sciences, Little Rock, AR	
3:00–3:30 PM	Invited Talk: <i>Lymph Node Stromal Cells and the Adaptive Immune Response</i> ; Reina Mebius, Amsterdam UMC, The Netherlands	
3:30–4:00 PM	Invited Talk: <i>Improving Lymphedema Care for Those Affected by Filarial Lymphedema</i> ; Philip Budge, Washington University School of Medicine, St. Louis, MO	
4:00–4:15	Short Talk Selected from Abstracts; TBD	
4:15–4:30	Short Talk Selected from Abstracts; TBD	
4:30–4:45	Short Talk Selected from Abstracts; TBD	
4:45–6:05 PM	Young Investigator Session (Sponsored by The Microcirculatory Society, Inc.): Max Bell Auditorium	
	Session 11–Title TBD Chair: TBD	
4:45–5:05 PM	Selected Talk; TBD	
5:05–5:25	Selected Talk; TBD	
5:25–5:45	Selected Talk; TBD	
5:45–6:05	Selected Talk; TBD	
7:00–10:00 PM	Banquet Dinner & Awards: KC 103	

Saturday, June 17

7:00–9:30 AM	Breakfast: Vistas Dining Room
	Departure

Host Institution: University of Calgary

Organizers: Pierre-Yves von der Weid and Shan Liao, *University of Calgary*; Stanley Rockson, *Stanford University*; Jan Kitajewski, *University of Illinois at Chicago*; Carrie Shawber, *Columbia University*; Miikka Vikkula, *de Duve Institute, Brussels*; Brandon Dixon, *Georgia Tech*; Spencer Gibson, *University of Alberta*

Co-Organizer: William Repicci, *Lymphatic Education & Research Network*

Date & Location: Tuesday, June 13 to Saturday, June 17, 2023
at The Banff Centre, 107 Tunnel Mountain Drive, Banff, Alberta, Canada

www.LymphaticForum.org



Banff, Canada
June 13–17, 2023

EXPLORING THE LYMPHATIC CONTINUUM
LYMPHATIC FORUM 2023

Sponsors

 Calvin, Phoebe and Joan
Snyder Institute
for Chronic Diseases

 Lymphatic Education
& Research Network

 **NAVBO**
North American Vascular
Biological Organization

 **UNIVERSITY OF CALGARY**
CUMMING SCHOOL OF MEDICINE