

AGENDA (Pacific Time)

Friday November 12, 2021

8:00 Welcome and Introductions

Stanley G. Rockson, *Stanford University and LE&RN, Stanford, CA*
William Repicci, *President and CEO, LE&RN, New York, NY*
Kathy Bates, *LE&RN Spokesperson*

LYPHEDEMA MECHANISMS AND TREATMENT PROSPECTS

Session Chair: Pierre-Yves von der Weid, *University of Calgary, Canada*

8:15 **Experimental Models of Lymphatic Pump Failure;** Brandon Dixon, *Georgia Tech, Atlanta, GA*

8:45 **Fibrosis in Lymphedema: Molecular Mechanisms and Natural History;** Babak Mehrara, *Memorial Sloan Kettering Cancer Center, New York, NY*

9:15 **The Emerging Utility of Near Infrared Lymphography;** Jean-Paul Belgrado, *Université Libre de Bruxelles, Belgium*

9:45 **An Update on Surgical Therapies in Lymphedema;** Dhruv Singhal, *Beth Israel New England Deaconess Medical Center, Boston, MA*

10:15 Break

10:30 **The Prospects for Anti-Inflammatory Therapy in Lymphedema;** Xinguo Jiang, *Stanford University, Stanford, CA*

11:00 **The Potential for Engineered Lymphatic Drug Delivery;** Susan Thomas, *Georgia Tech, Atlanta, GA*

CELLULITIS AND LYPHEDEMA

Chair: Isabelle Quéré, *CHU Montpellier, Montpellier University, France*

11:30 **Bacterial Infection and Lymphatic Dysfunction;** Tim Padera, *Massachusetts General Hospital/Harvard Medical School, Boston, MA*

12:00 **The Problem of Cellulitis in Lymphedema;** Vaughan Keeley, *Royal Derby Hospital, Derby, UK*

12:30 **Chronic Edema: Lessons Learned from LIMPRINT;** Christine Moffatt, *Lymphoedema Framework Project, UK*

LYMPHATIC CO-MORBIDITY

Chair: Kathleen Caron, *University of North Carolina at Chapel Hill*

1:00 **The Role of Lymphatics in Organ System Pathology;** Guillermo Oliver, *Northwestern University Feinberg School of Medicine, Chicago, IL*

1:30 **Disease Interrelationships in Lymphatic Disorders;** Stanley G. Rockson, *Stanford University and LE&RN, Stanford, CA*

Saturday November 13, 2021

PHLEBOLYPHEDEMA

Chair: Thomas O'Donnell, *Tufts University School of Medicine, Boston, MA*

8:00 **The Importance of the Glycocalyx in Lymphatic and Venous Integrity;** Sergio Giancesini, *University of Ferrara, Italy*

8:30 **Clinical Evaluation and Management of PhlebolympheDEMA;** Peter Mortimer, *St. George's University of London, UK*

LIPDEMA

Chair: Emily Iker, *Lymphedema Center, Santa Monica, CA*

9:00 **Evaluation and Management of Lipedema;** Andrzej Szuba, *Wroclaw Medical University, Poland*

9:30 **The Genetics of Lipedema;** Pia Ostergaard, *St. George's University of London, UK*

10:00 **Adipose Hypertrophy: Surgical Approaches in Lymphedema and Lipedema;** Håkan Brorson, *Dept. of Clinical Sciences, Malmö & Lund University Cancer Center, Sweden*

10:30 Break

LYMPHATIC MALFORMATIONS

Chair: Francine Blei, *Hassenfeld Children's Hospital at NYU Langone, NY*

11:00 **Lessons Learned from Experimental Models of Lymphatic Malformation;** Michael Dellinger, *UT Southwestern Medical Center, Dallas TX*

11:30 **The Genetics and Signaling Pathways of Lymphatic Vascular Malformations;** Miikka Vikkula, *de Duve Institute, University of Louvain, Brussels, Belgium*

12:00 **Current and Evolving Pharmacologic Approaches in Lymphatic and Complex Anomalie;** Denise Adams, *Children's Hospital of Philadelphia, PA*

12:30 **The Role of the Interventional Radiologist in the Management of Lymphatic Malformations;** Max Itkin, *Nemours Children's Hospital/Hospital of University of Pennsylvania, PA*

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VIRTUAL LYMPHATIC SUMMIT 2021:
The Continuum from Evolving Research to State-of-the-Art Lymphatic Management
NOVEMBER 12th & 13th
A forum for LE&RN's Centers of Excellence and the lymphatic disease community

Centers of Excellence | Stanford School of Medicine

Centers of Excellence Lymphatic Summit 2021: The Continuum from Evolving Research to State-of-the-Art Lymphatic Management will be presented online in its entirety on November 12 & 13, 2021. The rapidly evolving world of lymphatic research is already creating a substantial impact upon the practice of lymphatic medicine. This year's state-of-the-art lymphatic medicine summit conference will highlight the interface between the investigative process and the optimal current management of lymphatic patients. Evolving concepts and unanswered questions will be emphasized.

The *Centers of Excellence Summit* is hosted by **Stanford University School of Medicine** and **LE&RN**. It was organized and will be chaired by **Stanley G. Rockson, M.D.**, the Allan and Tina Neill Professor of Lymphatic Research and Medicine at Stanford University.

Upon completion of this activity, participants will be able to:

- Utilize the emerging investigative concepts as they relate to the biology of the lymphatic system in health and disease
- Utilize appropriate diagnostic interventions for patients with lymphatic disease throughout the lymphatic continuum
- Recommend state-of-the-art treatment options and interventions for patients with lymphatic disease, including those with lymphedema and lymphedema-related cellulitis, phlebolympheDEMA, lipedema, and lymphatic and complex vascular malformations
- Recognize the impact of normal and abnormal lymphatic function within the broad realm of organ-specific morbidity and mortality

Up to 10 million Americans are estimated to be living with lymphedema (LE) and there are an additional 17 million women in America estimated to have lipedema (LI). The World Health Organization projects up to 250 million people with LE worldwide. Nevertheless, lymphatic patients still struggle to find physicians who are prepared to undertake their necessary medical care. Upon completion of this summit, participants will be better equipped to provide state-of-the-art lymphatic care.

CME REGISTRATION: \$99 • GENERAL REGISTRATION: \$35*

EARLY BIRD SPECIAL (BEFORE SEPT 30): \$25

To Register: <https://learn.ticketspice.com/centers-of-excellence-2021-lymphatic-summit>

*Thanks to our sponsors, a limited number of complimentary registrations are available. See details on registration page.

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This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Academy for Continued Healthcare Learning and LE&RN. ACHL is accredited by the ACCME to provide continuing medical education for physicians.

The Academy for Continued Healthcare Learning designates this live activity for a maximum of 9.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Guidelines require that participants in CME activities be made aware of all financial relationships that may be perceived as affecting the presentation of the faculty member. ACHL ensures that all faculty and staff involved in the planning, development, and implementation of ACHL activities disclose financial relationships and that conflicts of interest are mitigated before the CME activity occurs. Complete information will be provided to participants prior to the start of the educational activity.