ISC Pre-Conference Symposium II: Bridge Over Troubled Water: Issues in Translational Stroke Research

Tuesday, Feb 21

This pre-conference event was designed to discuss the challenges and opportunities in moving basic science research into efficacious and well-designed clinical trials. This half-day symposium brings together leading stroke researchers across the basic and clinical spectrum to discuss potential avenues for improvement in preclinical modeling, utilizing human samples to bridge the translational gap, and sharing experiences in successful translation to clinical trials. Examples from research in ischemic stroke, vascular dementia, and intracerebral hemorrhage will be discussed. In addition, speakers will address the new NIH requirements for rigor and transparency in the efforts to improve reliability of preclinical research discoveries and experiences in successful academic-industry partnerships in stroke therapy trials. We will conclude the session with a networking reception to allow for informal discussions on topics of interest to participants in greater depth and allow for opportunities for junior investigators to interact with senior stroke investigators with clinical and basic expertise.

Learning Objectives
After participating in this activity, participants will be able to:
- Discuss clinical stroke syndromes and how to model these in the laboratory. Stress the importance of understanding clinical stroke and the challenges that face patients that will help determine relevant therapeutic targets in humans (quality of life and depression)
- Describe rigor, ensuring experimental plans model disease, and the new requirements for grant proposals
- Identify how to use human specimens in basic science research including biomarkers, mechanistic human work, and potential sources of samples for your research
- Discuss vascular dementia and challenges of animal models
- Determine how to move pre-clinical targets to clinical trials

The American Heart Association/American Stroke Association is grateful to the members of the ISC Pre-Conference Symposium II 2017 Program Committee for their dedication and leadership provided throughout the year in planning the program.

Program Committee
Louise D McCullough, MD, PhD, FAHA, Chair
Lauren H Sansing, MD, MSTR
Bruce Ovbiagele, MD, MSc, FAHA (ISC Program Committee, Chair)
Miguel A Perez-Pinzon, PhD, FAHA (ISC Program Committee, Vice Chair)

Continuing Medical Education Accreditation - Physicians
The American Heart Association is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Continuing Medical Education Accreditation - Physician Assistants
AAPA accepts Category I credit from AOACCME, Prescribed credit from AAFP, and AMA PRA Category 1 Credit™ from organizations accredited by ACCME.

For full CME/CE accreditation information on the ISC Pre-Conference Symposium II, please visit strokeconference.org.

Please note that there is a separate registration fee to attend the ISC Pre-Conference Symposium II.

Tuesday, Feb 21

1:00 pm – 5:00 pm

Moderator: Louise D McCullough, MD, PhD, FAHA, Houston, TX

1:00 Discussing Clinical Stroke Syndromes and How to Model
Patrick Lyden, MD, FAHA, Los Angeles, CA

2:00 Q&A
2:10  Rigor and Ensuring Experimental Plans Model Disease and the New Requirements for Grant Proposals
Francesca Bosetti, PharmD, PhD, Bethesda, MD

2:40  Q&A

2:50  Using Human Specimens in Basic Science Research: Biomarkers, Mechanistic Human Work, and Potential Sources of Samples
Lauren H Sansing, MD, MSTR, New Haven, CT

3:20  Q&A

3:25  Break

3:40  Vascular Dementia
Masafumi Ihara, MD, Osaka, Japan

4:10  Q&A

4:20  Moving Pre-clinical Targets to Clinical Trials
Kevin N Sheth, MD, New Haven, CT

4:50  Q&A

5:00  Wine and Cheese Networking Reception