

NOBEL SYMPOSIA SERIES

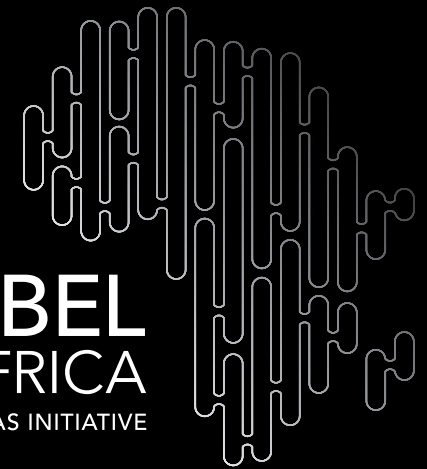
Regulation of glucose transport by insulin and energy sensing pathways in Type 2 diabetes

Juleen R. Zierath Karolinska Institutet, Sweden

Clonal hematopoiesis links aging, cancer and cardiovascular diseases

Peter Libby Harvard Medical School, USA

NOBEL
IN AFRICA
A STIAS INITIATIVE



Wednesday, 23 October 2024 | 10h00 – 14h00

Room 2073, Biomedical Research Institute, Faculty of Medicine & Health Sciences, Tygerberg Campus, Stellenbosch University



BIOGRAPHIES

Juleen R. Zierath is Professor of Clinical Integrative Physiology at Karolinska Institutet, Stockholm, and Professor and Executive Director at the Novo Nordisk Foundation Center for Basic Metabolic Research, University of Copenhagen. She is a member of the Nobel Assembly for Physiology or Medicine, the Royal Swedish Academy of Science, the European Molecular Biology Organization, Academia Europaea and the Keystone Symposia Board of Directors. She has previously been Chairman of the Nobel Committee and is former President of the European Association for the Study of Diabetes (EASD). She is past Editor-in-Chief of *Diabetologia* and currently holds editorial positions with several scientific journals in the fields of endocrinology, metabolism, and interdisciplinary sciences.

Zierath has received several awards, including the EASD-Novo Nordisk Foundation Diabetes Prize for Excellence awarded for outstanding research in the field of diabetes, the Claude Bernard Medal and Minkowski Prize from the EASD in recognition of innovative leadership and lifetime achievements in diabetes research, the Harold Rifkin Award for Distinguished International Service in the Cause of Diabetes from the American Diabetes Association, and a Distinguished Alumnus Award and Honorary Doctorate of Science from University of Wisconsin-River Falls.

Zierath graduated with an M.A. in Exercise Physiology from Ball State University (1986) and a Ph.D. in Medical Science from Karolinska Institutet (1995). She performs translational research to delineate mechanisms for Type 2 diabetes pathogenesis. Her current work focuses on the interaction between circadian rhythms and exercise training and the control of metabolism in diabetes and obesity.

Peter Libby, MD, is a cardiovascular specialist at Brigham and Women's Hospital in Boston, Massachusetts, and holds the Mallinckrodt Professorship of Medicine at Harvard Medical School. His areas of clinical expertise include general and preventive cardiology. His current major research focus is the role of inflammation in vascular diseases such as atherosclerosis. Dr. Libby has a particular devotion to translating his basic laboratory studies to pilot and then large-scale clinical cardiovascular outcome trials. He instigated and helped to lead the large-scale CANTOS trial that provided clinical validation of the role of inflammation in atherosclerosis.

Dr. Libby has received numerous research awards, including the Distinguished Scientist Award from the American College of Cardiology (ACC), the Gold Medal of the European Society of Cardiology, the Basic Research Prize of the American Heart Association, the Anitschkow Prize in Atherosclerosis Research of the European Atherosclerosis Society, the Ernst Jung Gold Medal for Medicine, and the Benditt Award from the North American Vascular Biology Organization. He is the recipient of the ACC Valentin Fuster Award for Innovation in Science for 2024.

An author and lecturer on cardiovascular medicine and atherosclerosis, Dr. Libby has published extensively in top-ranked medical journals. He is the Editor-in-Chief for the 12th edition of *Braunwald's Heart Disease*.

Dr. Libby earned his medical degree at the University of California, San Diego, and completed his training in internal medicine and cardiology at the Peter Bent Brigham Hospital (now Brigham and Women's Hospital). He also holds an honorary MA degree from Harvard University, and three honorary doctorates.



RSVP: <https://forms.office.com/r/Nv1GBdhcty> | Enquiries: Meggan Ceylon on meggan@sun.ac.za

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