



**Juleen R. Zierath,
Member, Royal Swedish Academy of Sciences and the Nobel Assembly**

Juleen R. Zierath is presently Professor of Clinical Integrative Physiology and Head of the Section of Integrative Physiology at the Dept. of Molecular Medicine and Surgery and the Dept. of Physiology and Pharmacology at Karolinska Institutet. She is also appointed Professor at University of Copenhagen, where she is Executive Director at the Novo Nordisk Foundation Center for Basic Metabolic Research.

Professor Zierath's research has provided evidence for the physiological regulation of insulin signaling pathways in skeletal muscle, revealing key steps that are impaired in diabetic patients. As an exercise physiologist, she has a long-standing interest in the health promoting benefits of physical exercise. The ultimate goal of her work is to identify and validate molecular candidates to prevent or treat insulin resistance in type 2 diabetes. Improving insulin sensitivity should alleviate diabetic complications and enrich the quality of life for the diabetic patient.

Professor Zierath is President of the European Association for the Study of Diabetes and the European Foundation for the Study of Diabetes.

Professor Zierath is a member of the Royal Swedish Academy of Sciences and the Nobel Assembly. She was Chair of the Nobel Committee at Karolinska Institutet between 2013 and 2015 and is currently a member of this Committee.