

Department of Biomedical Sciences

presents



香港城市大學
City University of Hong Kong

Title: Mitochondrial Function in Heart Failure: Mechanisms and Therapies
Speaker: Prof. Rong Tian, University of Washington
Date: 9 November 2023 (Thursday)
Time: 15:30- 16:30
Venue: F.A.M. Lecture Theatre LT8, Level 4, YEUNG Academic Building, CityU

Biography



Dr. Tian is professor and director of the interdisciplinary Mitochondria & Metabolism Center at the University of Washington. Her work is recognized in three inter-related areas of cardiovascular diseases: bioenergetics, metabolism, and mitochondrial biology. Dr. Tian's groundbreaking work on the shift of glucose and fatty acids metabolism in cardiac remodeling, provocative at the time, has invigorated the field and brought metabolism back to the center stage of the era of system biology and precision medicine. Dr. Tian is also recognized as a world leader in developing mitochondria-targeted therapy for cardiovascular diseases. Her recent work on NAD metabolism, cellular stress response and inflammation has yielded a major stimulus to the translational research. Under her leadership, University of Washington has conducted the first in human clinical trial of targeting mitochondria NAD in heart failure, which is followed by multiple in-kind trials across the world. Dr. Tian received numerous award and honors including Distinguished Achievement Award of the American Heart Association Basic Science Council, Research Achievement Award of the International Society for Heart Research, Marshall Distinguished Investigator of the British Society for CV Research, and Berne Lecturer of the American Physiological Society. Dr. Tian gave George E. Brown Lecture at the American Heart Association Scientific Sessions in 2021. She is currently the Editor in Chief for Journal of Molecular and Cellular Cardiology.

ALL ARE WELCOME!

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