



Lecture Code : JS02-S4

Session Name : KSN-ISN Joint Symposium

Session Topic : Gaining Insights from Diverse Progression Pattern Leading to Kidney Failure

Date & Time, Place : June 20 (Fri) / 08:30-10:30 / Room 3 (GBR 103)

Kidney Dysfunction in Populations With Obesity and Underweight

John He

Icahn School of Medicine at Mount Sinai, United States

It is well-known that obesity and metabolic syndrome contributes to the development and progression of CKD. Diabetic kidney disease remains as the most prevalent CKD in the world. Cardiac-kidney-metabolic (CKM) syndrome is a new concept which will help us to deal this high-risk patient population in a more integrated way. Our recent study suggests that MASH liver could directly contribute to the CKD progression. Our study suggests that obesity and metabolic syndrome lead to a multiple organ crosstalk system resulting in cardiac-kidney-liver-metabolic syndrome (CKLM). My talk will focus mostly on the liver to kidney crosstalk in the context of obesity and metabolic syndrome.

Keywords: Obesity, diabetic kidney disease, liver-kidney crosstalk, MASH, lipid metabolism