

13th WORLD NEPHROLOGY CONFERENCE

October 18-19, 2017 Dubai, UAE

Kidney injury biomarkers: Are we there yet?

Zubaida Alismailli

SEHA Dialysis Services, UAE

Kidney injury is a silent process and can be easily missed which can lead to catastrophic outcomes. In the past few years we have seen a great interest toward discovering and evaluating new biomarkers using integration of genomics, epigenetics, transcriptomics, proteomics and metabolomics. Novel biomarkers could potentially provide vital diagnostic and prognostic information and help to predict response to treatment in several clinical settings, including acute kidney injury, renal transplant, autosomal dominant polycystic kidney disease, and glomerulopathies. The aim of the presentation is to discuss the points such as definition of a biomarker, why do we need novel biomarkers in kidney injury diagnosis, biomarker development, evaluation of biomarker diagnostic performance, how can be biomarkers used in different types of kidney injury and literature review of novel biomarkers.

zuismailli@seha.ae