

● Abstract

Title : **Metabolic immune modulation for autoimmunity and renal disease**

Author name (Chinese) : 楊皇煜

Author name (English) : Huang-Yu Yang

Institute (English) : Chang Gung Memorial Hospital

Abstract :

Our immune system is designed to protect our body from foreign intruders. However, aberrant immune responses can mistake self-antigen and lead to autoimmune anarchy. Some immune cells are known to play a role in abating the immune surveillance against tumors, some cause immune disorientation and result in a variety of diseases. A key to restore our immune balance and speed up disease recovery may rely on metabolic cues. Herein, I introduce you the role of immunometabolism ----a novel way to mitigate lupus nephritis, transplant rejection, and renal fibrosis such as UUO model etc