

Innate immunity and chronic inflammatory diseases

陳沛植

奇美醫院風濕科

The ability to mount a prominent inflammatory response to pathogens confers an advantage in innate immune defense. Several pathways participate in the recognition and elimination of microbes by recognition their different external and endogenous ligands. These pathways are also involved in metabolic pathways and tissue responses. Recent study has revealed contribution of chronic inflammation in the pathogenesis of type 2 diabetes. In addition to type 2 diabetes, the role of chronic inflammation is being linked to a wide variety of metabolic disorders such as obesity, metabolic syndrome, and atherosclerosis. Elucidating the role of innate immunity in these disorders will help to identify novel drug targets.