

STRONG CHILDREN'S RESEARCH CENTER

Summer 2017 Research Scholar

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ABSTRACT

Title : Role of IL-21 on Neonatal T-Cell Homeostasis

Background: Interleukin 21 (IL-21) is a member of the common gamma-chain cytokine family with broad pleiotropic actions. It is primarily expressed in activated CD4+ T-cells and assists in immune and inflammatory responses. IL-21 plays a role in T-cell homeostasis through multiple mechanisms including proliferation, differentiation and apoptosis. IL-7, another common gamma