

STRONG CHILDREN'S RESEARCH CENTER

Summer Research Scholar

Name: Samuel Omesi
School: SUNY Downstate College of Medicine
Mentor: Dr. Regina Rowe

ABSTRACT

Title: Identifying Regulators of Monocyte Phagocytosis

Background: Monocytes are key cells that regulate innate immune responses. B3 ReS stimulation

¹For example, IgE-mediated stimulation of monocytes inhibits bacterial phagocytosis, however the mechanisms involved are unknown. We recently identified a molecule that regulates IgE-mediated phenotypes in monocytes, the SH domain containing inositol phosphatase, SHIP.³ SHIP-

