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Effect of Efferocytosis of Apoptotic Mesenchymal Stem Cells (MSCs) on C57BL/6**Peritoneal Macrophages Function**

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Abstract

Phagocytic clearance of apoptotic cells (Efferocytosis) could affect the polarization of macrophages and promote M2 anti-inflammatory and regulatory phenotype and function. Here we tested the hypothesis that efferocytosis of apoptotic Adipose-Derived Mesenchymal Stem Cells (AD-MSCs) promotes macrophage M2 polarization. In this study, Macrophages were incubated with apoptotic MSCs and after 48 hours interleukin-10 (IL-10), transforming growth factor-alpha (TNF α), and nitric oxide (NO) production were measured. Furthermore, phagocytosis

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