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Metabolic regulation of macrophage inflammation and collagen uptake

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STELLINGEN

behorende bij het proefschrift

Metabolic regulation of macrophage inflammation and collagen uptake

interactions with the extracellular
matrix driven by metabolism

1. Macrophages should be considered more than just a cell type of the immune system.
2. 5-ethynyluridine has the potential to contribute to the next generation of lipid nanoparticle therapeutics and vaccines.
3. 5-methoxy tryptophan is an endogenous metabolite with multiple effects on tissue that combat fibrosis.
4. Itaconate is an endogenous metabolite which is not pro- nor anti-inflammatory, but rather highly contextual.
5. Itaconate has the potential to become a topical treatment for chronic wounds.
6. Collagen uptake and degradation assays can be utilized for the better understanding of functional interaction of immune cells with the extracellular matrix.
7. Almost every kit sold in the biomedical sciences can be used twice more often than the indicated by the kit by using half the volumes of the company protocol.
8. 'De enige overwinningen die tellen, zijn op jezelf.
Dus let op jezelf, en let op je tellen' – *Rico & Sticks*.
9. 'Geluk is dichtbij' – *Sticks*.

Sjors Maassen
Groningen, 7 Februari 2023