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Macrophage-matrix interactions: orchestrating the fibrotic response?

Vasse, Gwenda

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Stellingen

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Macrophage-matrix interactions: orchestrating the fibrotic response?

Gwenda F. Vasse

1. Macrophages have the ability to sense morphological alterations of collagen type I and change their response accordingly. (This thesis)
2. Collagens are not only more abundant in idiopathic pulmonary fibrosis, but also structurally different. (This thesis)
3. Decellularized lung matrices are suitable models to study interactions between cells and fibrosis-related structurally disrupted collagen *in vitro*. (This thesis)
4. Optical trapping is a powerful tool to study macrophage polarization at a single cell level. (This thesis)
5. Macrophages throughout the body should not be generalized. Location and origin matter.
6. Don't judge macrophages solely by their cover. It's their function that matters most.
7. Although interdisciplinary research may take you out of your comfort zone temporarily, the resulting innovation is permanent and makes it all worthwhile.
8. 'No one can whistle a symphony. It takes a whole orchestra to play it.' (H.E. Luccock)
9. 'Running and science draw on similar traits – stamina, ambition, patience, and the ability to overcome limits.' (W. Ketterle)
10. 'That breath that you just took, that's a gift.' (R. Bell)
Don't take it for granted.