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The role of inflammation in sciatica: the contradictory effect of macrophages

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Stellingen behorend bij het proefschrift getiteld

The role of inflammation in sciatica
the contradictory effect of macrophages

1. Macrophage infiltration plays an active role in resorption of the herniated disc
- *This thesis*
2. Modic Changes are a sign that macrophage infiltration is detrimental instead of beneficial
- *This thesis*
3. Gadolinium is an unreliable tool for identification of inflammation in the herniated disc
- *This thesis*
4. Not necessarily endplate damage, but rather the presence of Modic Changes is associated with a dysfunctional inflammation response in the disc
- *This thesis*
5. Antibiotic treatment should be considered as a therapy for therapy resistant sciatica patients
- Albert HB et al., Eur Spine J, 2013. 22(4): p. 697-707.
6. Lumbar disc herniations are more commonly the result of endplate avulsion than annulus fibrosus rupture.
- Rajasekaran S et al., Spine (Phila Pa 1976), 2013. 38(17): p. 1491-500.
7. A pro-inflammatory and fibrogenic cross-talk exists between the Modic endplate and adjacent disc.
- Dudli S et al., Eur Spine J, 2017. 26(5): p. 1362-1373.
8. Magnetic resonance spectroscopy should be considered as a tool to identify painful inflamed discs.
- Gornet MG et al., Eur Spine J, 2019. 28(4): p. 674-687.
9. Being lucky is a skill of probability and perspective
10. With enough attention to detail, even the boulder of sisyphus can become an enjoyable task
11. Antifragility is the road to mastery