

Propositions associated with the dissertation

# Elucidation of the Mechanisms of Action of Mesenchymal Stem Cell Immunotherapy

1. Inflammatory signals alter the immunomodulatory effect of MSC on B cells. (this thesis)
2. Intravenous infusion alters MSC gene expression. (this thesis)
3. Viable and dead MSC show the comparable immunomodulatory effect upon infusion. (this thesis)
4. Monocytic cells clear MSC from the lungs upon infusion through phagocytosis. (this thesis)
5. MSC act as a trigger for immunomodulation in the recipient. (this thesis)
6. Why would any self-respecting researcher willingly hand over, for nothing, the copyright to their hard work to an organization that will profit from the work by making the keys prohibitively expensive to the few people who want to read it? (A. Elbakyan, founder of Sci-Hub)
7. It is infinitely better to transplant a heart than to bury it to be devoured by worms. (C.N. Barnard)
8. PhD students should consider pet ownership to cope with PhD-related stress and anxiety
9. Growing meat in the lab should become a viable alternative for people who want to cut the environmental impact of their food consumption and cannot bear a vegetarian lifestyle. (K. van Mensvoort)
10. Technology and societal changes demand innovation in education.
11. Stay sexy and don't get murdered. (K. Kilgariff and G. Hardstark)

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2018