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Citation

Bots, S. T. F. (2023, June 21). *Nonhuman primate adenoviruses for use as oncolytic agents*. Retrieved from <https://hdl.handle.net/1887/3621061>

Version: Publisher's Version

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Nonhuman primate adenoviruses for use as oncolytic agents

1. Nonhuman primate adenoviruses have oncolytic potential in human cancer cells and cancer-associated fibroblasts. (this thesis)
2. The oncolytic adenovirus vector GoraVir is more potent than human adenovirus type 5 and vectors derived thereof. (this thesis)
3. The ease by which nonhuman primate adenovirus vectors can be generated by building upon the expertise gathered previously using human adenovirus vectors provides a solid foundation for the development of such vectors. (this thesis)
4. A unified classification is justified for adenoviruses of human and non-human primate origin. (this thesis)
5. With regard to oncolytic adenovirus engineering, less is more. (adapted from *Larson et al., Oncotarget 2015*)
6. Low prevalence of neutralizing antibodies directed against nonhuman primate adenoviruses creates a more homogenous baseline immunity in the patient population which may reduce response variability in clinical trials.
7. One of the major challenges of oncolytic viro-immunotherapy is to achieve a balance between the desirable triggering of new anti-tumoral immunity and the competing anti-viral immunity. (adapted from *Lemos de Matos, Mol. Ther. Methods Clin. Dev. 2020*)
8. Animal models are limited in the amount of questions they can answer regarding the safety and efficacy of oncolytic adenovirus therapy.
9. There is no failure except in no longer trying.
10. Scientists should keep in mind that the purpose of life is to live it, to taste experience to the utmost, and to reach out eagerly and without fear for newer and richer experiences.