



Universiteit
Leiden

The Netherlands

Building bridges: a multidisciplinary approach to controlled human hookworm infection

Hoogerwerf, M.

Citation

Hoogerwerf, M. (2024, June 5). *Building bridges: a multidisciplinary approach to controlled human hookworm infection*. Retrieved from <https://hdl.handle.net/1887/3759745>

Version:

Publisher's Version

License:

[Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from:

<https://hdl.handle.net/1887/3759745>

Note: To cite this publication please use the final published version (if applicable).

Stellingen

behorende bij het proefschrift getiteld

“Building bridges: a multidisciplinary approach to controlled human hookworm infection”

1. Use of multiple sampling improves reliability of the outcome in controlled human hookworm trials. (this thesis)
2. The skin plays an important role in the development of protective immunity against infection with hookworm larvae. (this thesis)
3. Participants in controlled human infection trials should not be regarded as money-oriented risk-takers but as deliberate decision-makers. (this thesis)
4. It is our ethical responsibility to maximise the scientific and social value of a controlled human infection trial by ensuring a multidisciplinary approach to trial design. (this thesis)
5. Characterisation of culture methods, post-harvesting processing and hookworm larvae, including age at time of use, are essential for producing reproducible results. (Chapman et al., PlosNTD 2021)
6. A scientific approach to the ethics of clinical research starts not with the ethics of the doctor-patient relationship but with the normative obligations that govern the work of the laboratory researcher at the bench. From there, it proceeds in stepwise fashion toward the obligations of the clinical researcher at the bedside. (Joffe & Miller, Hasting Center Report 2008)
7. The nature of burdens and benefits is likely to be highly influenced by the wider socioeconomic and cultural context for the human infection study, including community perceptions of research staff and the institution. (Chi et al., Trials 2021)
8. Issues that are often taken for granted in vaccine development (such as manufacturing cost and cold chain logistics) combined with insufficient financial investment are major hurdles in the development of neglected tropical disease vaccines. (Loukas et al., Nat Rev Dis Primers 2016)
9. On the power of imagination: “A rock pile ceases to be a rock pile the moment a single man contemplates it, bearing within him the image of a cathedral.” - Antoine de Saint-Exupery, The little Prince
10. As a doctor, never forget the person behind the disease: “It is far more important to know what person the disease has than what disease the person has.” - Attributed to Hippocrates
11. Applicable to music and research: “A wrong note played with the right intention is much to be preferred to the right note played with no soul.” – Janine Jansen, violinist
12. There is no such thing as too many books: “A room without books is like a body without a soul.” – Marcus Tullius Cicero