

On inner warfare, the host and the adversary: public health genomics of chlamydia trachomatis and human papillomavirus

Citation for published version (APA):

Brankovic, I. (2014). *On inner warfare, the host and the adversary: public health genomics of chlamydia trachomatis and human papillomavirus*. Maastricht University. <https://doi.org/10.26481/dis.20141216ib>

Document status and date:

Published: 01/01/2014

DOI:

[10.26481/dis.20141216ib](https://doi.org/10.26481/dis.20141216ib)

Document Version:

Publisher's PDF, also known as Version of record

Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

www.umlib.nl/taverne-license

Take down policy

If you believe that this document breaches copyright please contact us at:

repository@maastrichtuniversity.nl

providing details and we will investigate your claim.

**Propositions belonging to the dissertation:
On inner warfare, the host and the adversary:
Public Health Genomics of *Chlamydia trachomatis* and human papillomavirus**

Ivan Branković, Maastricht, 16th December 2014.

1. In the field of *Chlamydia trachomatis*-induced subfertility, there is a potential for improving the subfertility diagnosis based on addition of a host SNP based assay (This thesis).

2. Empirical evidence points to a relevant role of host genomic factors in the risk and clinical course of *C. trachomatis* and human papillomavirus (This thesis).

3. Findings of host genomic factors demand responsible and effective translation into clinical settings and policy (This thesis).

4. The next major step in host genomic research will be to identify rare genomic risk variants that confer 'selective immunodeficiencies' to particular extreme phenotypes of pathogens (This thesis).

5. Taking into consideration all individual interactions between genomic, biological and environmental factors is paramount to fully comprehending infectious disease aetiology and providing successful prevention, screening and treatment. – *Ginsburg & Willard. Translational Research 2009.*

6. "Evaluation of genomic tests is often challenging because of the lack of direct evidence of clinical benefit compared with usual care and unclear evidence requirements." – *Veenstra et al. Genomic Medicine 2010.*

7. More resources ought to be directed at areas with sufficient evidence, while highlighting comparable examples where the translational trajectory was successfully completed. – *Burke et al. Genetics in Medicine 2010.*

8. "A collectivist approach to health dictated by government may no longer be acceptable to citizen; instead, they may demand from government ways of empowering them to make their own decisions about their health." – *Zimmern. Journal of Public Health 2011.*

9. "Simplicity is the ultimate sophistication." – *Leonardo da Vinci*

10. "A complex system that does not work is invariably found to have evolved from a simpler system that worked just fine." – *Arthur Bloch, Murphy's Laws of Computers*