



University of Groningen

Exploring the *Staphylococcus aureus* cell wall for invariant immunodominant targets

Mora Hernández, Yaremit

DOI:

[10.33612/diss.147005930](https://doi.org/10.33612/diss.147005930)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2020

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Mora Hernández, Y. (2020). *Exploring the Staphylococcus aureus cell wall for invariant immunodominant targets*. University of Groningen. <https://doi.org/10.33612/diss.147005930>

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Propositions accompanying the thesis

“Exploring the *Staphylococcus aureus* cell wall for invariant immunodominant targets”

1. Hygiene is the best way to prevent mastitis-related infections with *Staphylococcus aureus*.
2. MLVF is a fast and efficient genotyping method to classify a collection of bacterial isolates from a specific region (Chapter 2).
3. The presence of a plasmid does not always correlate with the sequence type or antibiotic susceptibility of different isolates from a bacterial population (Chapter 2).
4. Trypsin shaving is a powerful tool to identify bacterial cell surface-exposed proteins for the exploration of potential vaccine targets (Chapter 3).
5. Epitope selection is an essential step in the identification of immunodominant vaccine targets (Chapters 3 and 4).
6. Targeting of specific immunogenic domains of proteins might be the best approach towards the development of effective vaccines that protect against *S. aureus* infections (Chapter 4).
7. The immunogenicity of a protein from a pathogen, combined with the specificity of the infected host's immune defenses will determine the efficacy of an immune response (or vaccine).
8. The greatness of a nation and its moral progress can be judged by the way its animals are treated (*Mahatma Ghandi*).
9. Protective measures against COVID-19, like washing the hands frequently, will help to decrease the cases of bovine mastitis.
10. The best doctors in the world are the veterinarians. They can't ask their patients what is the matter they've got to just know (*Will Rogers*).