PROJECT NUMBER

21587

A novel vaccine against Neisseria gonorrhoeae

Neisseria gonorrhoeae vaccine using outer membrane vesicles (OMVs) derived from a genetically modified strain of Neisseria.
A new strain of gonococcus, produced by replacing the native PorB with analogs from another bacterium to enhance immunogenicity, as new generation outer membrane vesicle (OMV) vaccine.

Applications: Vaccines

Features	Benefits
Simple replacement of Neisseria gonorrhaeae porB gene with Neisseria Meningitidis porB gene	Enhances immunogenicity whilst maintains viability of Neisseria gonorrhoeae
§Deletion of RmpM gene	Increases OMV production which is a key component of OMV vaccines

Patented and Available for

- Co-development
- Consulting

- Licensing

To find out more, contact enquiries@innovation.ox.ac.uk and quote the project number.