

NanoTLVac: New Nanoparticles and Nanocomplexes for Tuberculosis and/or Listeria vaccination

ADRESSED PATHOLOGY:

Infectious diseases (Tuberculosis and listeriosis)

GENERAL OBJECTIVE:

Development of new vaccine candidates against tuberculosis and listeriosis, which improve protection in infected individuals, based on alternative delivery systems and on novel combinations of vaccines. In this context, NanoTLVac project plan to develop and test different non-viral platforms based on nucleic acid coding for Mycobacterium tuberculosis (MTB) and/or Listeria monocytogenes (Listeria) sequences anchored to gold nanoparticles and cationic lipids complexes, to obtain vaccine candidates against tuberculosis and/or listeriosis.

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