

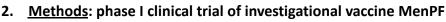
Human B cell Responses to Dominant and Sub-dominant Antigens induced by a Meningococcal Outer Membrane Vesicle Vaccine in a Phase I trial

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- 1. <u>Introduction</u>: Outer membrane vesicles (OMV)
- Vaccines and vaccine component for group B meningococcus & vaccine platform
- Group B meningococcus: protective immune response strain specific to Porin A (PorA)
- B cell responses to Pora (dominant) versus other (minor) antigens in OMVs?



- > OMVs from strain genetically modified to constitutively express 8% of iron-regulated antigen FetA
- Participants received 25 or 50 μg, three injections 8 weeks apart (weeks 0, 8 and 16)
- Induced serum bactericidal (SBA) responses to PorA and FetA (Marsay et al., 2015)
- Plasma and memory B cell responses to both antigens? Relation to SBA response?

