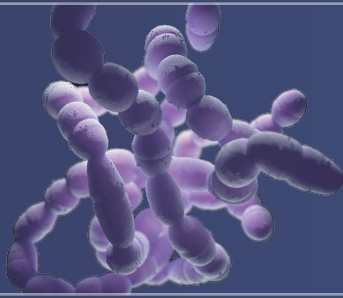


Promoting (Affordable) Conjugate Vaccines

- Chemistry
- Carrier proteins
- Conjugation Services



Please join FinaBio for *Happy Hour*
on November 14th
after the conjugate vaccine session is over

NEW

ClickCRM™: Click Chemistry Conjugation to CRM₁₉₇

CARRIER PROTEINS FOR CONJUGATE VACCINES

TTHc Tetanus toxin fragment	EcoCRM® CRM ₁₉₇	8MTT Modified tetanus toxin	QB VLP
50 kDa	58.4 kDa	150 kDa	28 nm- diameter nanoparticle
heavy chain fragment C	CRM ₁₉₇ , a widely used genetically detoxified diphtheria toxin	8MTT is the first genetically detoxified tetanus toxin	High stability
Preclinical	EcoCRM® has been extensively compared to CRM ₁₉₇ from other sources ¹	8 mutations to fully detoxify	Contains T cell epitopes
Extensive literature		50x10 ⁶ less toxic than tetanus toxin	High level of symmetry
Anti-TTHc neutralizes toxin	EcoCRM® available for research & clinical use	Large size allows for higher hapten: protein ratios	180 identical subunits