

LMIV Strategy Review

Presentation to FMVCC

7 January 2011

NIAID goals

“NIAID commits to the following goals:

Increase fundamental understanding *of the complex interactions among malaria parasites, the mosquito vectors responsible for their transmission, and the human host.*

Strengthen the ability to identify, develop, validate, and evaluate **new tools and strategies for treatment, prevention, and control of malaria.**

Enhance both national and international **research and research training infrastructure** *to meet malaria research needs, particularly for community-based and -supported clinical trials in malaria-endemic countries.*

Advance research to develop tools to support and sustain global efforts to control, eliminate, and eventually **eradicate malaria.”**



LMIV Mission

- Protect children and pregnant women
- Eliminate and eradicate malaria

Major LMIV Strategic Elements

- Conduct discovery research on pathogenesis, immunology and vaccinology to inform vaccine design
- Pursue novel vaccination concepts that overcome traditional barriers to efficacy
- Engage with partners that facilitate downstream implementation
- Move to clinic/field as soon as prudent to enable test of concept

LMIV Vaccine Strategies

