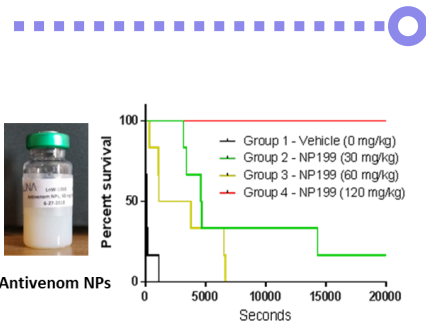
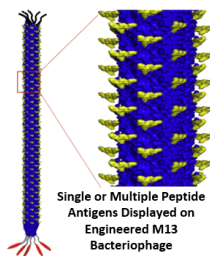


## Applying nanotechnology to revolutionize pharmaceutical design and delivery

Luna Labs Nanopharma works with government and commercial partners to develop products with diverse engineering and scientific challenges. Specific expertise includes:

- Nanodelivery and Nanomedicine
- Vaccine Development
- Drug, Gene, and Antigen Delivery
- Adjuvant Discovery and Development
- Drug, Protein and Vaccine Stabilization
- Carbon Nanotubes
- Virus-like Particles
- Biocompatible Polymeric Nanoparticles
- Porous Materials
- Toxic Agent Neutralization

design



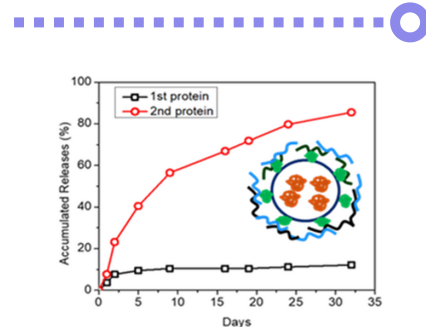
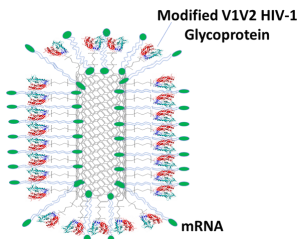
### Marburgvirus Vaccine

Virus-like particle based pan-Marburgvirus vaccine (Army/CBD)

### Antivenom

Bioinspired synthetic nanoparticles as universal antivenom (DARPA, SOCOM)

deliver



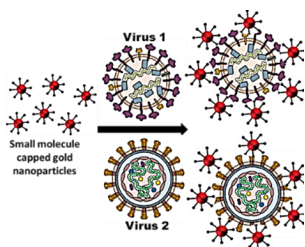
### CNTVac

Short CNT-enabled delivery of mRNA and/or proteins for vaccines (Army, NIAID)

### LbLVac

Layer-by-Layer multiple antigen delivery platform (Army, DHA)

defeat



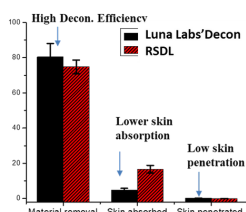
### Nanoparticle Antivirus

Nanoparticle-assisted small molecules as broadly active antiviral agents (Army/CBD)



### Gummy Drug

Oral formulations for pediatric drug administration (NIAID)



Quickly dry-Peel off, Safe to use, no irritat



### Dermal Decon

Easy dry spray for dermal decontamination of CWAs (CBD/DTRA)