



**“VaxForm envisions a world where formulation takes a leading role in providing solutions to development of vaccines against life threatening diseases.”**

# Overview








**VaxForm was founded in 2010 with a mission to develop next-generation vaccines to improve global access to life-saving vaccines by focusing on:**

- **Alternate routes of administration**
- **Mucosal immunity**
- **Adjuvants**
- **Thermostability**

**VaxForm also collaborates, consults, and provides vaccine development contract services for industry, government, and academic institutions.**



# VaxForm's Pipeline

Technology	Pre-Clinical	NCS	PI	PII	PIII
COVID Vaccine – Oral Suspension					
Group A Strep – Injection					
COVID Vaccine – Oral Powder					
Group A Strep - Oral					
Flu / COVID combo - Oral					
RNA stabilization					
DTaP vaccine - Oral					

# VaxForm Capabilities

- **Vaccine Formulation Development**
  - Biophysical characterization, pH profile
  - Excipient and stabilizer screening
  - Adjuvantation
  - Analytical Development
  - Recombinant protein expression:
    - Upstream and downstream optimization
- **Vaccine release and stability testing**
  - Particle size by Dynamic light scattering and laser diffraction, Surface charge by Zeta potential
  - Protein characterization and purity (protein assays, SDS PAGE, Western Blot, ELISA)
  - pH, Osmometer, endotoxin
  - Tox lot production and fill-finish
- **Vaccine immunogenicity testing**
  - ELISA
  - Antibody functional assay
  - Cell-based assays



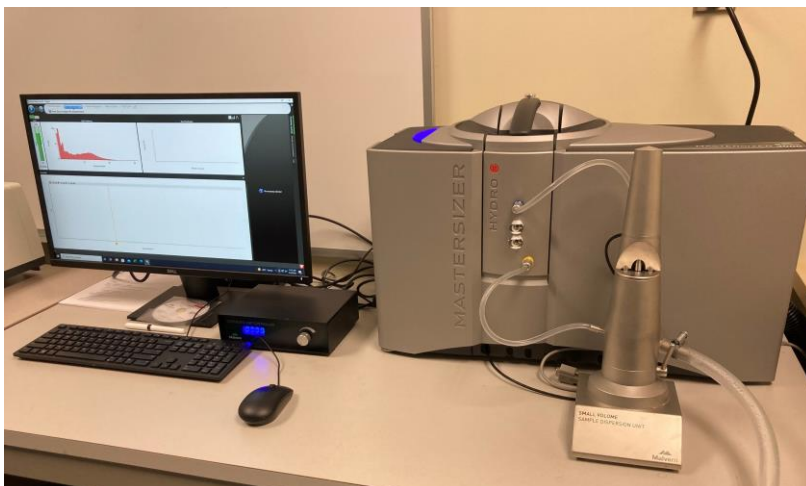
# VaxForm Capabilities

## ■ Analytical Instrumentation

- Mastersizer (suspension/powder), Zetasizer
- SpectraMax M2e, ChemiDoc Station
- Microscope, Osmometer, Endosafe PTS

## ■ Processing Equipment

- Buchi B-290 spray dryer
- Labconco Stoppering Tray Dryer
- 1 to 100 L Fermentation
- Tangential Flow Filtration
- Form/Fill Equipment





**116 Research Drive  
Bethlehem, PA. 18015  
610-849-5047**

**[www.vaxform.com](http://www.vaxform.com)**