

# AVRIL BIOPHARMA

*Intelligently Scaling Your  
Science*



***Next-Generation CDMO  
Capabilities Overview***

*Capabilities Overview*

*Comparative Yields*

*Principles of Service*

# Our Core Services

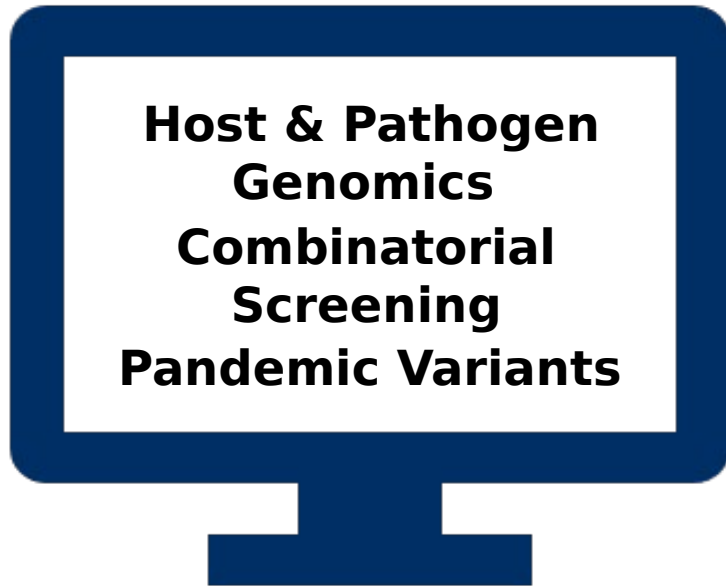
Capabilities  
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*We can design and manufacture gene-based synthetic biology products using our proprietary informatics and AdCEV™/Egg production system.*

## Bioinformatics Capabilities



## AdCEV™/Egg Capabilities

### AAV Capsids

Personalized  
Medicines

Gene  
Therapies

Diagnostic  
Reagents

Monoclonal  
Antibodies

Subunit  
Vaccines

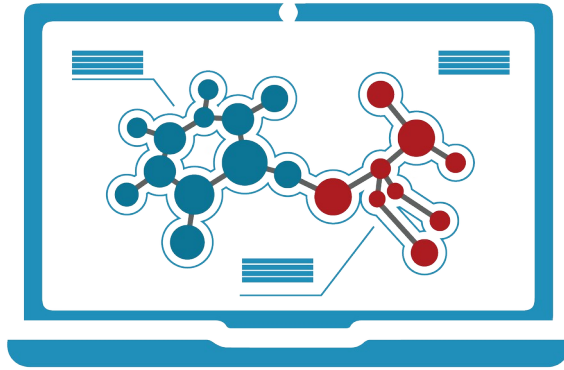
# Milestone-Driven Projects

Capabilities  
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Comparative Yields

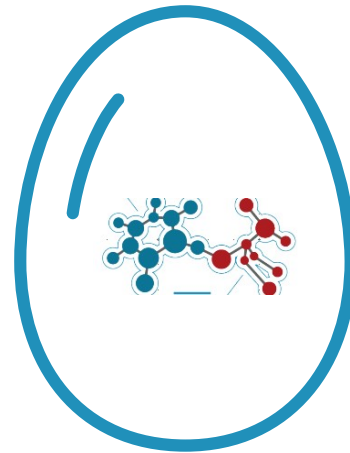
Principles of  
Service

Design



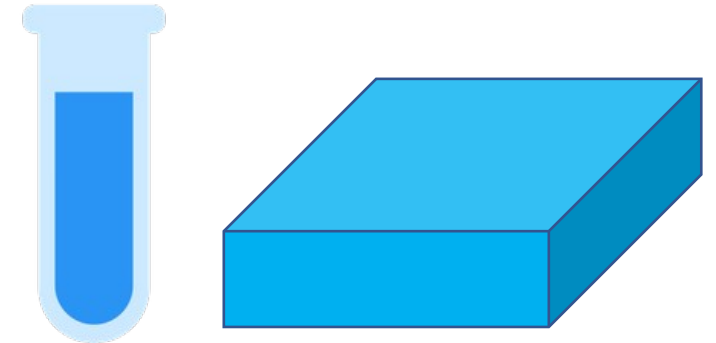
*In silico* design and AI support to optimize product and production

Produce



AdCEV™ /Egg production to rapidly test and scale to mass production

Analyze



Develop Assays, Purification SOPs, & Downstream Processing

# Supporting your commercialization pathway

Capabilities  
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Pre-Clinical R&D

Clinical Trial GLP Lots

GMP Manufacturing

**Production Scale:** <1 gram

**Estimated Time:** 1 Week



**Production Scale:** 10mg -10g

**Estimated Time:** 2 Months



**Production Scale:** As needed

**Estimated Time:** 4 months



# Our Principles of Service

Principles of  
Service

- 1) We seek to understand your timing, logistical, and scientific needs and tailor our offerings to your outcomes.
- 2) We leverage the latest advances in protein drug design, development and analytics to maximize efficiency and opportunities for success.
- 3) We serve you and your company with a consistent team of experienced professionals.
- 4) We ensure a quality-driven, milestone-based process to reduce development costs and ensure success.
- 5) We treat every dollar you spend like it is our first dollar.

Government & Industry partnerships to build easily deployable modular egg-based facilities

*Bringing it all together in small scale plants for regional applications in human and veterinary health...*

DMZ  
Avril Biopharma



# AVRIL BIOPHARMA

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A photograph of a single brown egg centered in a blue, textured egg carton. The carton's compartments are visible around the egg. The lighting is soft, highlighting the egg's surface.

**Make it in an egg.**