



**Nucleus  
Biologics**

**Speeding Scientific  
Discoveries Through  
Precision Cell Culture  
Products and Tools**





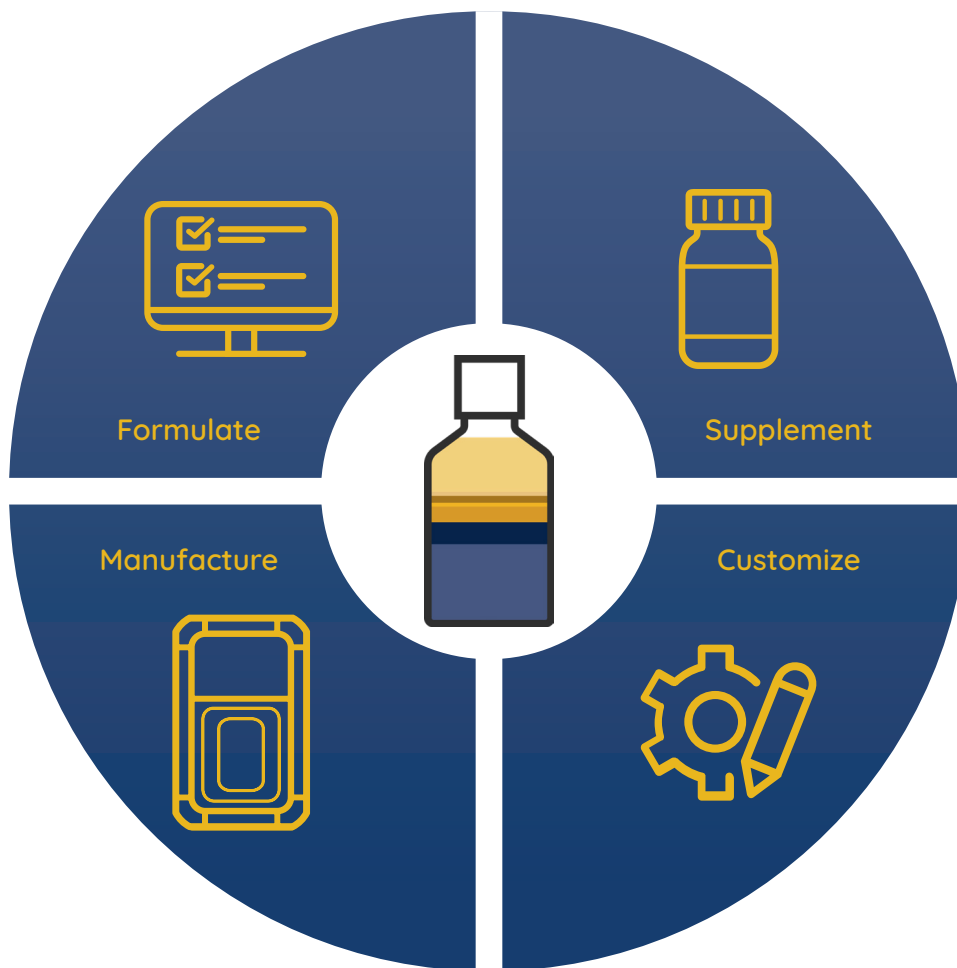
## Speeding the Time From Discovery to Cure With the Highest Quality Cell Culture Media

The efficacy of cell-based therapies are heavily dependent on the quality of their raw materials. Cell culture media is a critical tool in the research, development, and commercialization of these innovative therapies, and must therefore be designed to support consistent and optimal cellular performance. Nucleus Biologics is the leading provider of custom cell-growth media, tools, and technologies to help the scientific community accelerate their research and development efforts. Our mission is to reinvent cell culture media from design to delivery, facilitating easy formulation, configuration, and ordering while drastically reducing the environmental impacts of cell culture media fulfillment.

*The Cell Performance Company™*

# An Ecosystem to Drive Your Cell Performance

From design to delivery, Nucleus Biologics offers an entire ecosystem of cell culture media solutions that seamlessly interface with one another.



# Comprehensive Solutions to Support Your Program

High-quality cell culture media is essential to speeding the time from discovery to cure. Nucleus Biologics is focused on providing premium quality cell culture media products and a superior cell culture experience by offering tools to easily design, customize, order, and manufacture media.



## Cell Culture Media Formulation

Guided Formulation Services | NB-AIR™ (AI-based media configurator)

- Optimized cell performance by meeting critical quality attributes
- Full transparency of every component and their concentrations
- Individual ownership of your formula



## Supplements and Recombinant Proteins

Physiologix™ | Vitronectin XF™

- Xeno-free
- Improve cell function and performance
- Streamline downstream regulatory process



## Custom Cell Culture Media

NB-Lux™

- Online portal for media customization and management
- Real-time estimated pricing and lead times
- Infinitely customizable and ownership of your formulations



## Point of Use Media Manufacturing

Krakatoa™

- Solubilize media at point of use
- Ensure media at peak quality and potency
- Reduce your carbon footprint and waste

# The Nucleus Biologics Advantage



## Technology Driven

Cutting-edge tools to drive success from design to delivery



## Cost Effective

Custom media at lower total cost over the entire lifecycle, including scale production



## Customizable

Real-time customization of any component and concentration, testing, grade, and packaging



## Scalable

Streamline transition from bench to bioreactor with low 500 mL minimal order quantities



## Consistent

Proprietary GMP manufacturing process and strict adherence to a robust quality management system



## Transparent

No hidden ingredients – designed and owned by you to make iteration and scale up seamless



## Supply Continuity

Expanded capacity spread across multiple facilities assures continuity of supply



## Sustainable

Reduce waste and greenhouse gas emissions with sustainable manufacturing solutions

## Our Commitment to Quality

Our goal is to deliver timely, high-quality solutions in order to expedite clinical and scientific breakthroughs. Our focus is to disrupt the industry with reproducible and innovative GMP products and ecosystems. With our integrated quality system, researchers can feel confident they will receive products that are safe, reliable, and meet the highest quality standards.



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[sales@nucleusbiologics.com](mailto:sales@nucleusbiologics.com) | [www.nucleusbiologics.com](http://www.nucleusbiologics.com)

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