

# Accelerate Process Development with Express Media Service

## Advanced media solutions for every cell line

Express Media Service provides rapid, flexible, small-scale media prototype production to expedite time-to-market

- Express production of customer-developed formulas and modified classical formulas using GMP-grade raw materials in a non-GMP manufacturing environment
- Small-lot manufacturing of identified ideal media to test the feasibility of scale-up
- Sampling of extensive lines of off-the-shelf and custom growth and feed media through our Media Survey Panel (MSP) to identify suitable media
- Optimization of promising candidate media through our Custom Media Development service



A partnership with FUJIFILM Irvine Scientific opens the door to a world of knowledge and experience in media development, optimization and supply, and long-term regulatory experience for bringing therapeutic and medical products to market.

## Distinctive and diverse EMS benefits

<p>Small-scale liquid and powder formulations</p>	<ul style="list-style-type: none"> <li>• Simplification of scale-down modeling and small-scale process development with small lot sizes (1 L to 200 L for liquids, 500 g to 18 kg for powders) and small pack sizes prior to scale up</li> <li>• Custom packaging accommodates specific process requirements</li> </ul>
<p>Broad range of media support</p>	<ul style="list-style-type: none"> <li>• Manufacturing of customers' proprietary formulas, modified FUJIFILM Irvine Scientific formulas, and classical formulas with or without modifications</li> </ul>
<p>Extensive technical support from Manufacturing Support and Services</p>	<ul style="list-style-type: none"> <li>• Access to our experienced Manufacturing Support and Services team for formula review, optimization, and consultation simplifies the technology transition from research to commercialization</li> </ul>
<p>Quality raw materials and technology</p>	<ul style="list-style-type: none"> <li>• Utilization of GMP-quality raw materials and the same milling technology used in our GMP manufacturing environment supports your small-scale media needs</li> <li>• Raw materials are monitored in accordance with ISO 13485:2016 standards and meet manufacturing Quality Assurance measures</li> </ul>
<p>Quality-control testing</p>	<ul style="list-style-type: none"> <li>• Testing appearance, pH, and osmolality of products by request, free of charge</li> </ul>
<p>Fastest turnaround time in the industry</p>	<ul style="list-style-type: none"> <li>• Feasible media prototype can be manufactured and shipped within 10 business days of customer approval and receipt of PO</li> </ul>

# Meeting your needs and development challenges with customized products

Supporting you at every turn with 25+ dedicated R & D experts

- Accessible, comprehensive consultation
- Extensive technical knowledge and insight
- Individualized service to maximize your specific cell lines' potential
- A commitment to the most rapid turnaround times in the industry



Tell us your goal and our scientists will hand-select your ideal, individualized media panel. Your custom-designed platform, selected to optimize your cell culture process development, will arrive within days.

*Robert Newman, PhD  
CSO, FUJIFILM Irvine Scientific*

## Offering a full menu of media development and optimization services

Service	Description	Timeframe*
Media Survey Panel	<ul style="list-style-type: none"><li>• Custom array of media samples</li></ul>	10 business days
Custom Media Optimization	<ul style="list-style-type: none"><li>• Media Optimization Panel (tested in your lab)</li><li>• Complete Media Development (in our lab)</li></ul>	2–6 months
Express Media Service	<ul style="list-style-type: none"><li>• GMP-grade raw materials, non-GMP manufacturing of custom media formulations</li></ul>	10 business days
Custom cGMP Media	<ul style="list-style-type: none"><li>• Large-scale cGMP manufacturing of custom powder (10–7,000 kg ) and liquid media (50–10,000 L)</li></ul>	6–8 weeks

\*Timeframe may vary depending on individual customer requirements

## Life.Support.

With over 45 years of industry experience, FUJIFILM Irvine Scientific is focused on providing the highest quality cell culture media. We are dedicated to bringing life to products, and ultimately, to the patients who benefit from the resulting therapeutic advances. World-renowned for our unwavering commitment to full-spectrum partnership, FUJIFILM Irvine Scientific has defined the industry standard in support, innovation, and best-in-class turnaround time.

Contact your FUJIFILM Irvine Scientific sales representative or visit us at [www.irvinesci.com](http://www.irvinesci.com) to learn more about our Express Media Service.

