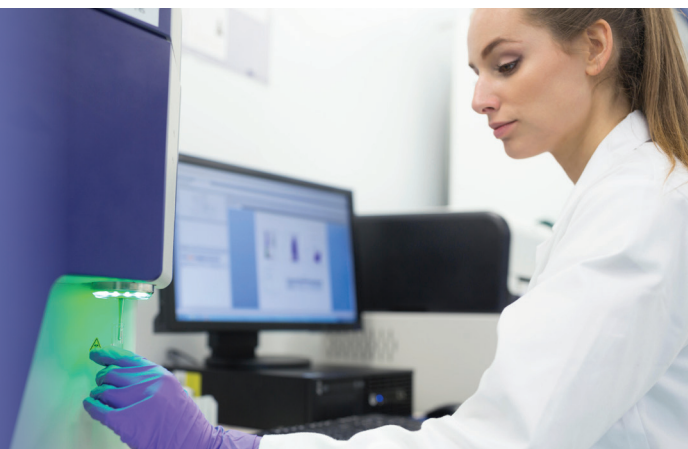


Celerion: Leading Your Research into the Future with Premium Flow Cytometry Services



Navigate the Complexity of Cellular Analysis with Unparalleled Precision

Understanding and interpreting cellular functions, interactions, and responses in scientific and clinical research is a pivotal element in drug development and diagnostic advancements. Celerion, a globally recognized leader in the provision of flow cytometry services, offers an expansive suite of applications to meet the evolving needs of your research and clinical trials. Our deep-rooted expertise ensures accurate, reliable, and clinically valuable data even from minimal sample volumes.

Holistic Flow Cytometry Applications, Tailor-Made for Every Research Need

Immunophenotyping

- **Unlock Cellular Mysteries:** Navigate through the complexities of white blood cells, identifying and enumerating specific subsets using our robust immunophenotyping services. This vital application has multifaceted uses, including pharmacodynamics and pharmacokinetic data and biomarkers to determine patient responses in clinical trials.
- **Unparalleled Quality Assurance:** With our Quality Management System and Standard Operating Procedures, we assure reliable analyses that seamlessly incorporate compliance with CLSI, GLP and GCP guidelines.

Receptor Occupancy Assays

- **Precision in Action:** Optimize your drug development strategy with our meticulously designed RO assays, which provide critical insights into drug-receptor interactions, internalization, and shedding events, ensuring informed Go/No-Go decisions during your trials.
- **Collaborative Approach:** Our team works side by side with your researchers to understand the drug's mechanism of action and binding kinetics, delivering a tailored assay validation plan to secure your project goals.

Intracellular Cytokine Staining (ICS) & Phosphoflow Assays

- **Detail-Driven Data:** Acquire intricate cytokine production profiles and explore intracellular signaling events with precision and depth using our sophisticated ICS and Phosphoflow assays.
- **Versatility at Its Best:** From evaluating epitopes in vaccine development to high-resolution analysis of diverse cell types and rare populations, our assays offer versatility that empowers your research.

T Cell Activation/Exhaustion & Cell Degranulation Assays

- **Bridging Insights and Applications:** Examine T cell dynamics and NK cell cytotoxic function with our advanced flow cytometry methods, supporting endeavors from immune checkpoint inhibition strategies to cancer treatment advancements.

Cell Proliferation Assays

- **Safe and Streamlined:** With Celerion's cell proliferation assays, monitor cell division and population expansion efficiently and safely without resorting to radioactive molecules, ensuring optimal data without compromising safety.

Why Choose Celerion's Flow Cytometry Services?

State-of-the-Art Technology: Employing cutting-edge flow cytometry instrumentation and the latest fluorophores and cellular probes, we guarantee accuracy and reliability in every analysis.

Expert-Led Services: With Celerion, your project is navigated by industry-leading experts, ensuring a meticulous, knowledge-driven approach to every assay and analysis.

Comprehensive Compliance: Navigate through every phase of your clinical trial with confidence, as our services align with relevant guidelines and compliance requirements, safeguarding the integrity of your research data.

Celerion is Your Partner in Every Stage of Clinical Development

With Celerion, you're not just outsourcing; you're forming a partnership grounded in a shared ambition to advance scientific and medical knowledge.

We provide innovative solutions across every phase of drug development with in-depth insights through phase-specific applications

Pre-Clinical: Unleash the power of flow cytometry in early stages, enabling scrupulous analysis of PK and PD endpoints in both GLP and non-GLP settings, ensuring accurate, translational data to smoothly transition your compound into the clinic.

Phase 1: Harmoniously integrate our prime flow cytometry capabilities with Celerion's phase 1 sites. Our adept team seamlessly incorporates challenging assays into your early clinical development, safeguarding data continuity and integrity.

Phase 2: Leverage our ingenious sample collection strategies, thorough site training, and astute logistics support to bring your sample collection closer to your patients. Our approach mitigates challenges, ensuring that sample integrity and data accuracy are uncompromised in large-scale, multicenter trials.

Phase 3: Accelerate your route to market with our proficient phase 3 support, utilizing our high-throughput setup and vast global footprint. Ensure a fast, compliant, and reliable data collection, processing, and analysis, aligning perfectly with regulatory expectations and market access strategies.

Begin Your Journey with Celerion

Navigating through the complex landscapes of cellular analysis, Celerion remains your steadfast partner, ensuring every cell, every data point, and every assay propels your research toward groundbreaking success.



Preclinical

Toxicology and Safety for Translation into the Clinic



Phase I

First-in-Human and Healthy Population Exploration



Phase II

Proof-of-Concept in Patient Population



Phase III

Confirmation in a Pivotal Study



Phase IV

Post Marketing Surveillance and Monitoring

Connect with Our Team and Discover a Partnership Built on Precision, Expertise, and Unwavering Commitment to Your Research Goals.



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