



FLOW CYTOMETRY APPLICATIONS

Powerful Single-Cell Analysis for Every Stage of Drug Discovery and Development



Immunophenotyping

Characterize cell populations using protein markers for immune profiling



Cellular Immunogenicity

Measure T-cell activation for immunology and cell therapy research



Receptor Occupancy Assay

Evaluate target engagement and receptor saturation to optimize dose selection



Cell Cycle Analysis

Evaluate cell proliferation and therapeutic effects



Apoptosis Detection

Evaluate treatment efficacy and cellular response



Quantitative Flow Cytometry Assay

Support cell therapy, oncology, and translational research



Anti-CAR Antibody Assessment

Assess immunogenicity, treatment efficacy, and CAR-T persistence



Phosphoflow Assay

Measure signaling protein phosphorylation to assess cellular activation and drug response



Small Particle Detection

Analyze extracellular vesicles, viruses, and nanoparticles



Measurable Residual Disease Assessment

Evaluate cancer treatment response and relapse

Flow Cytometry Supports a Wide Range of Research and Therapeutic Areas



ONCOLOGY



IMMUNOLOGY



CELL & GENE
THERAPY



VACCINE
DEVELOPMENT



DRUG DISCOVERY
& DEVELOPMENT



BIOMARKER
DISCOVERY



PK/PD & SAFETY
ASSESSMENTS

One Partner. One Integrated Strategy. Faster Decisions.

A GLOBAL SERVICE CRO

Drug Development Services

- ▶ Pharmacology
- ▶ Toxicology
- ▶ DMPK
- ▶ Bioanalysis
- ▶ Translational Medicine
- ▶ Clinical Trial Units
- ▶ Clinical Research Services
- ▶ Clinical Trial Kits
- ▶ Central Lab Services
- ▶ PBMC and DEXA Scanning Services

Clinical Research Services

- ▶ Project Management
- ▶ Clinical Program Management
- ▶ Clinical & Medical Monitoring
- ▶ Data Management & Biostatistics
- ▶ Medical Writing
- ▶ Quality Assurance
- ▶ Regulatory & Medical Affairs
- ▶ Safety & Pharmacovigilance
- ▶ Site Selection & Monitoring



Pharmacology



Toxicology



DMPK



Bioanalysis



Translational
Medicine



Phase I Clinics

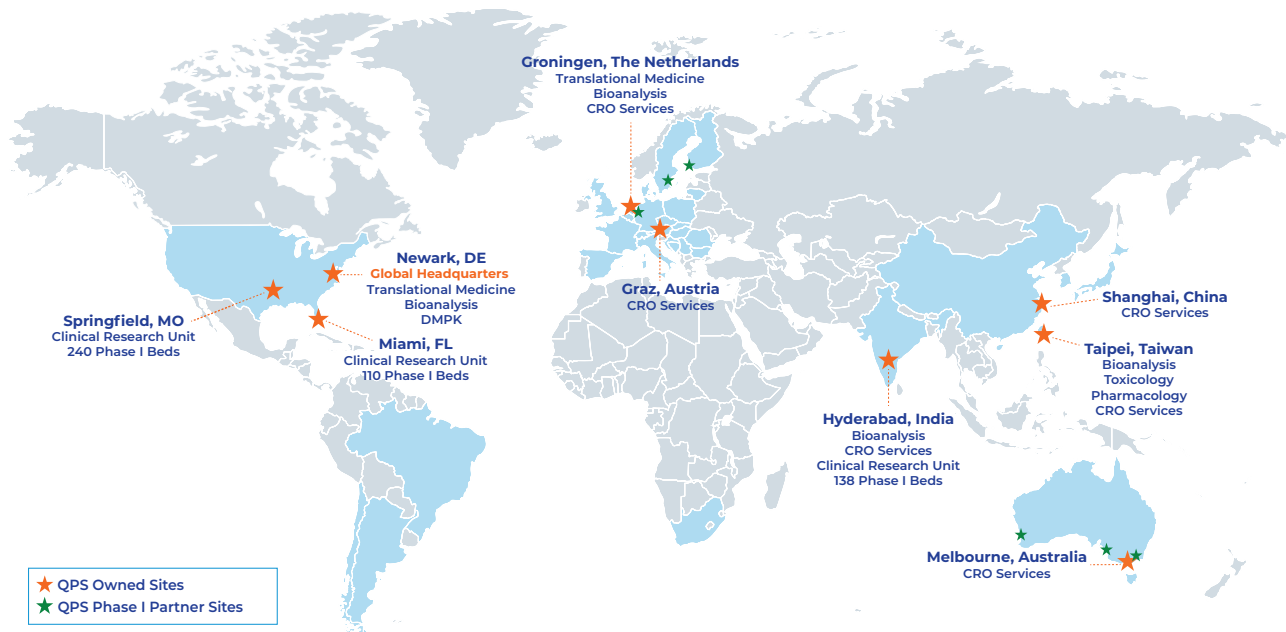


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Medical



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