

Personalized medicine requires the next generation of biomarker discovery technology. Phosphoflow® services is that technology.

Phosphoflow® is a patented multiparametric flow cytometry technology that enables single cell assessment from clinical samples. Phosphoflow® services offered include experimental design, setup and analysis for discovery of novel marker panels for correlation to clinical outcome for the development of prognostic and diagnostic tests. Services also include diagnostic preparation for companion diagnostic tests and regulatory filings.

We work with your budget to insure that your business requirements are achieved.

Phosphoflow® projects can be scaled to overall R&D goals. With defined pathways and disease association of these pathways, targeted molecular therapy monitoring tests can be designed. In biodiscovery efforts, different Phosphoflow® strategies can be explored for optimal test development. Commercialized tests can result from either approach.

Deployment and support services are part of each project we undertake

Our team has delivered strategic and full spectrum test commercialization design including implementation, management and operations. We work with companies to solve their toughest challenges in the biomarker discovery process through applied innovation of Phosphoflow® services.

Phosphoflow®
Scientific Services

ODP Consulting LLC

Who we are: Inventor of the patented Phosphoflow® technologies. Leveraging domain knowledge and expertise to assist companies with diagnostic test development in personalized medicine.

Areas of expertise:

- Hematological and rheumatological diseases
- Multiplexed technologies
- Clinical sample handling logistics
- Antibody reagent vendor relationships
- Business development strategies

SERVICES

Phosphoflow® strategy for biomarker discovery

Planning

Scientific Design

Cost Analysis

Data management

Project Management

Strategic Marketing

Licensing strategies and contract negotiations



*The SMART path towards
personalized medicine*

Phosphoflow®



Identify novel opportunities for co-diagnostics development in your drug development using patented technologies.

SOME NEWS

Achieve goals

- Phosphoflow® pharmacodynamic markers being used to monitor gleevac resistance
- Phosphoflow® signatures predict AML responsiveness to chemotherapy
- Phosphoflow® assays identify novel markers for rheumatoid arthritis

Unparallel levels of service and quality

Advised on the development of the Phosphoflow® technology including antibody production, conjugate chemistry and QC validation platforms for reagent development. Provided expertise in Phosphoflow® cytometry for drug screening, pharmacodynamic monitoring, target validation and clinical immune monitoring programs for industry and academia. Consulted on multiplexed assay systems for functional assessment in highly immunophenotyped cells. Provided expertise on clinical sample handling, cryopreservation techniques, and automated flow cytometry. Advised on small molecule screening programs that included FLT3 inhibitors, LFA-1 antagonists and various kinase inhibitors. Clients included Chiron, Novartis, BMS, ICOS, Pharmingen.

Phosphoflow® project examples

- Whole blood pharmacodynamic assay to monitor phospho-epitope status upon drug treatment in the clinic
- Multi-marker panel to look at key signaling proteins in T and B cell compartments for a novel immunotherapeutic
- Stratification phospho-signature for a phase2/3 clinical trial design
- Multi-phospho signal analysis to assess off target of drug product in early stages of development