



more products. With our broad range of expert services we drive more efficient development timelines to help you bring more compounds and better products to market faster. Our tailored solutions cover all sectors—from prescription and generic drugs to over-the-counter and vitamin and mineral supplements. With our deep expertise and extensive formulation capabilities in softgel technologies, modified release, parenteral, and inhaled dose forms we can solve even the most complex bioavailability, solubility, and permeability challenges.

BIOLOGICS

GPEX® CELL LINE ENGINEERING

BIOMANUFACTURING

Mammalian cell line development and manufacturing gives you more, faster. Our robust GPEX® technology platform and customized service solutions ensure a more efficient launch, and help you get your drug to clinic quickly.

- Faster path from cDNA to master cell bank candidate in 5 months
- Proven cell line performance with high expression and reliable genetic stability
- Tailored services from development to fill/finish

PRE-FORMULATION & FORMULATION

ORAL DOSE FORMS: SOFTGEL, CONTROLLED RELEASE, IMMEDIATE RELEASE, ORALLY-DISINTEGRATING TABLETS

INHALATION

PARENTERAL

Using multiple advanced technologies, we create tailored solutions to your toughest development challenges. Our expertise and technologies will accelerate your timelines and help overcome your bioavailability challenges. With our wide range of customer-preferred dose forms, we can help you achieve optimal delivery profiles and routes of administration.

- Faster and more efficient development for more products and better treatments
- Leading experts and a proven track record
- Integrated development, analytical, clinical manufacturing, and supply solutions



OPTIFORM™ TECHNOLOGY & SOLID STATE SERVICES

We combine industry-proven workflows and an experienced scientific workforce with proprietary high-throughput platform technologies to provide a rapid and material-efficient route to solid-form selection. From discovery and evaluation of crystalline forms, salts, and co-crystals, to pre-formulation and formulation development, to optimization of API and drug product performance, we can solve the most complex solid-state challenges.

- Innovative technologies to speed development and optimization of drug molecules developed by a top 5 pharmaceutical company
- Most stable crystalline form for your API, based on experience with more than 500 compounds screened
- Results provided by a team of scientists with strong industry experience

PHARMACEUTICAL & BIOPHARMACEUTICAL LAB SERVICES

COMPENDIAL, RELEASE, POTENCY & MICROBIOLOGY TESTING

METHOD DEVELOPMENT & VALIDATION

PHYSICAL, MATERIAL & BIOPHYSICAL CHARACTERIZATION

STABILITY TESTING & STORAGE

IMPURITY & STRUCTURAL CHARACTERIZATION

FACILITY & PROCESS VALIDATION

VIRAL CLEARANCE & VIRAL SAFETY

PK & IMMUNOGENICITY

From rapid testing of early candidates to new drug application/registration submission and post-launch, we help accelerate your efforts by providing immediate resourcing and expert technical support for your product. With our problem-solving expertise, state-of-the-art systems, and proprietary technologies we have constructed a strong continuum of services to support your small or large molecule drug development.



- Rapid product development and improved products through comprehensive CMC services
- High quality and timeline outcomes, delivered reliably for over 20 years
- Excellent track record of regulatory compliance

REGULATORY CONSULTING

EARLY STAGE DEVELOPMENT SERVICES

LATE STAGE DEVELOPMENT SERVICES

COMPLETE LIFE-CYCLE MANAGEMENT

CUSTOMIZED EDUCATION PROGRAMS

With over 50 years of experience in developing pharmaceutical products across a wide range of therapeutic areas for global markets, we help you maximize your product value with expert solutions to development issues. From pre-clinical to life-cycle maintenance, we ensure accurate, timely regulatory submissions to help minimize product development timelines and maximize probability of success.

- Speed your product to market with integrated solutions from development, to manufacturing, packaging and regulatory consulting
- Maximized product value through a global approach to regulatory planning and development
- More right-first-time regulatory submissions and risk mitigation



DEVELOPMENT



DELIVERY



SUPPLY

more products. better treatments. reliably supplied.™

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