

QuantPharm LLC

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QuantPharm LLC is a consulting company specialized in development and application of advanced mathematical modeling, simulation, and data mining methods to support pharmaceutical and biotechnology industries. QuantPharm™ offers fast, efficient and high quality population analysis of pharmacokinetic and pharmacodynamic data and model-based clinical trial simulations to support all stages of drug development, from pre-clinical to Phase IV.

Leonid Gibiansky, the founder of QuantPharm LLC, has more than 20 years of academic and industry experience in areas as diverse as pharmacometrics, PK-PD modeling and simulation, in vitro-in vivo correlations, statistical design and analysis of clinical trials, statistical algorithm design and software development, bioinformatics, and optimization in mathematical physics.

QuantPharm LLC offers:

- **Population (nonlinear mixed-effects) pharmacokinetic (PK) and pharmacodynamic (PK-PD) modeling and clinical trial simulation to support drug development programs;**
- **Population PK and PK-PD data analyses, including preparation of FDA submission-ready reports;**
- **Pharmacokinetic design and analysis of pediatric studies;**
- **Population PK-PD analysis of continuous or categorical responses, count data, survival, time-to-event, or QTc prolongation data;**
- **In vivo - in vitro correlation (IVIVC) analysis;**
- **On-demand support of sponsor's modeling efforts, including data management, NONMEM®, S-plus and R script development;**
- **Critical review of population PK and PK-PD analyses;**
- **Presentation at conferences and meetings;**
- **Preparation of publications;**
- **Fast turn-around time and complete transfer of know-how related to the sponsor's projects.**

Strict confidentiality, scientific expertise and integrity, high efficiency and close collaboration with the sponsor form the foundation of our services.