

Solutions for Pharmacometrics Research and Teaching

Tools to make academic research easier

You have the ability to provide your students with industry leading pharmacokinetic/pharmacodynamic (PK/PD) analysis tools that can drive productivity in their research today while equipping them for future success in the pharmaceutical, biotech and animal health industries. The Phoenix desktop software platform from Certara helps streamline and optimize research—in and beyond the traditional walls of your university’s academic lab, bringing efficiency to day-to-day tasks.

What’s more, the software is intuitive and easy to use—used by more than 3500 students, researchers and instructors at leading pharmacy and medical schools around the globe.

Professional software bundles at prices that students, researchers and instructors can afford

The academic teaching and research at your university—pharmacometrics, pharmacy, pharmacokinetics, PK, animal science and toxicology—is critical to the future. For that reason, we offer Phoenix PK/PD software at reduced rates at degree-granting institutions where students will have hands-on access to the software.

Industry standard for non-compartmental analysis (NCA) and PK/PD modeling and simulation

Phoenix WinNonlin has a 30-year history of providing trustworthy regulatory accepted results and is designed to perform all standard PK/PD analyses and modeling tasks. Phoenix WinNonlin can benefit your academic research in several ways:

- Saves time spent learning software
 - Intuitive graphical user interface that is easy to learn
- Empowers researchers within your lab
 - Researchers can spend more time doing science and less time doing manual data manipulation. They are able to visualize data analysis pathways with graphical workflows
- Facilitates collaboration
 - The entire project (analysis, documentation, tables, listings, and figures) is stored in a single file that allows easy submission and grading of homework and exams as well as sharing information with colleagues. The thought process applied to the analysis can be seen in the workflow and specific key output can be exported for presentation into a Microsoft® Word® or PowerPoint® document

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Collaboration with Certara allows CTM [the Center for Translational Medicine] to achieve its mission to train the next generation of pharmacometrics leaders through our graduate programs. We envision that the relationship will also contribute to enhancing Phoenix software.

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– Dr. Joga Gobburu, Center for Translational Medicine, University of Maryland School of Pharmacy

Complex population PK/PD analysis? No problem with NLME

Phoenix® NLME™ is a powerful population modeling and simulation software solution for experienced as well as new PK/PD scientists. With an intuitive user interface, it is an integrated solution that allows researchers to pre-process, analyze and post-process modeling projects all within one system—without having to write code. NLME can benefit your academic research in several ways:

- Saves cost by reducing support of peripheral hardware
 - Researchers and students can perform advanced population PK/PD modeling by installing and licensing only one software product (Phoenix NLME)
 - The software is installed on desktop computers that do not require an infrastructure of IT support and can be accessed from anywhere
 - Although there are options to submit Phoenix NLME jobs remotely to grids and clusters, the software can also take advantage of all the cores available within a desktop computer to speed up processing
- Saves time spent learning complex coding
 - NLME's intuitive graphical user interface shortens the learning curve for academic researchers who want to use population modeling methods. It offers the flexibility to construct models using models from a library, graphically, or by manual coding for more advanced users. In addition, it has algorithms to facilitate covariate model building and subsequent model validation (bootstrapping, VPC, etc)
- Empowers researchers to be more efficient
 - Offers capability to organize analysis steps in a colorful, easy-to-understand workflow

And the Phoenix platform also has support for QT modeling, performing IVIVC and other analyses.

Leverage our training opportunities

Our goal is to help you and your students get as much out of your software as possible in order for you to understand the safety and efficacy profile of the drugs in your research program. That's why we offer training for everyone— from beginner to advanced users. Our courses are taught by expert instructors like Dr. Daniel Weiner, the creator of WinNonlin. He is an undisputed expert who, literally, co-authored the book on PK/PD modeling, *"Pharmacokinetic and Pharmacodynamic Data Analysis."*

Indeed, 9 out of 10 customers, who have taken Phoenix training courses, have rated our instructors' ability to clearly present concepts as either "good" or "excellent." And students can take advantage of up to 50% discounts on training courses that are discounted to the public.

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About Certara

Certara is a leading provider of decision support technology and consulting services for optimizing drug development and improving health outcomes. Certara's solutions, which span the drug development and patient care lifecycle, help increase the probability of regulatory and commercial success by using the most scientifically advanced modeling and simulation technologies and regulatory strategies. Its clients include hundreds of global biopharmaceutical companies, leading academic institutions and key regulatory agencies.

For more information visit www.certara.com or email sales@certara.com.