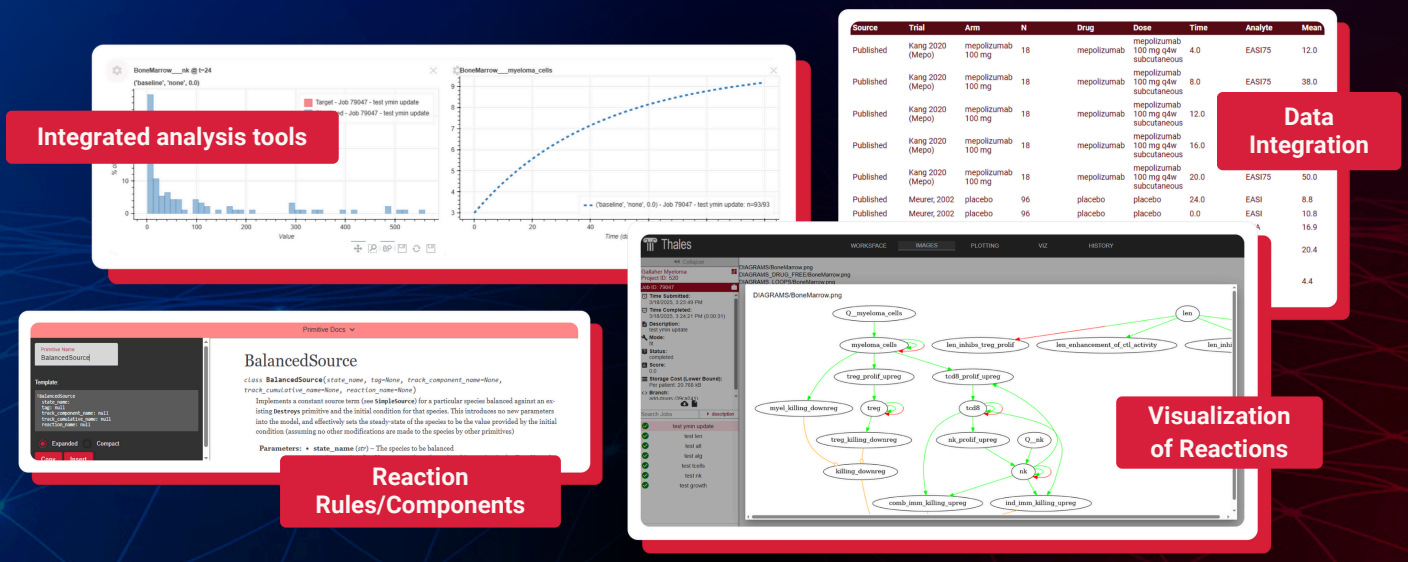
Thales™

Cut the time and complexity of building extensive QSP platform models



Accelerate your model development

With Thales, you can harness advanced optimization and data integration tools and move seamlessly between model simulation, virtual patient sampling, and results analysis. You get rapid, reliable simulated populations (SimPops®) that accurately mirror observations at multiple scales — from cellular changes to clinical outcomes — while ensuring transparency and reproducibility.

- **Realistic treatment of SimPops** to ensure accurate reproduction of patient heterogeneity and treatment escalation/strategies
- **Integrated graphing and analysis tools** to quickly observe and evaluate simulation results
- **Integrated generalized optimization** tools that calibrate parameters using a statistically principled approach
- **Seamless data integration** that empowers you to fit data at multiple scales - from clinical trials to *in vitro, in vivo*, and *ex vivo* studies - within a single, unified virtual population network
- **Specification of clinical trial protocols** such as patient inclusion criteria, sub-populations, or event-dependent dosing adjustments
- **Automated model documentation** that provides accurate and intuitive visualization of the model's interaction network

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