



GastroPlus® 9.8.2

PBBM/PBPK modeling software...
to support research & regulatory submissions

GastroPlus is a mechanistically based, validated software package that simulates absorption, pharmacokinetics, pharmacodynamics, and DDIs in human and animal populations.



Version 9.8.2 - SPECIAL FOCUS on requests from the GastroPlus User Group!

Working with the scientific staff at Simulations Plus, the GastroPlus User Group continues to help guide the priority and direction for enhancing the capabilities of our “flagship platform”. For the last 25 years, Simulations Plus has been attentive and appreciative for the support and feedback from our clients worldwide. With their feedback and guidance, we have established GastroPlus as the premium platform for mechanistic PBPK modeling and simulations.

What's **NEW!** in 9.8.2?

- **NEW** enzyme/transporter expression levels and enzyme ontogeny
- **NEW** nonlinear effect of bile salts on solubility
- **NEW** automated V_{max} and K_m fitting (synchronize gut and PBPK values)
- **NEW** FeSSIF-V2 added as a default recipe for biorelevant solubility forms
- **NEW** predefined FDA low-fat meal option
- **NEW** mouse physiology added to the IM ADR module
- **NEW** PD model for intraocular pressure
- **IMPROVED** suspension dosing
- **NEW** ocular rabbit physiologies – Dutch belted and New Zealand white

Ocular
Nasal
Oral Cavity

Pulmonary

Dermal

IV

Oral

**IM & SC
Injections**

**Intraarticular
Injections**



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