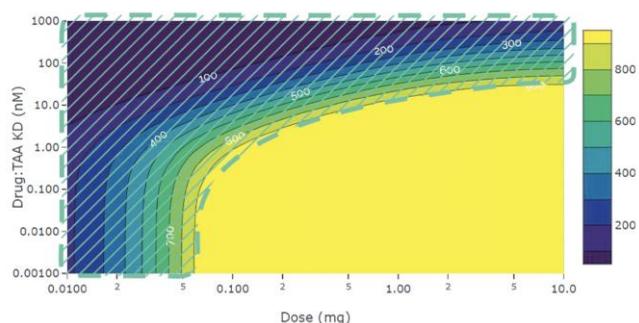


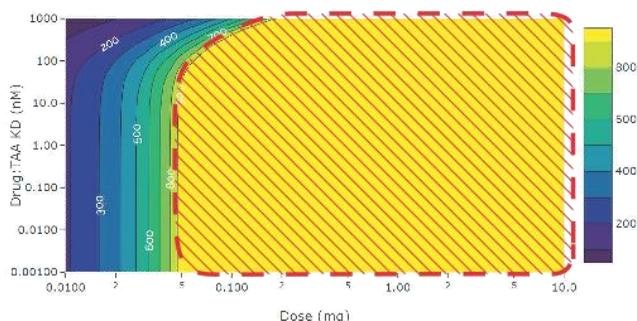
# Applied BioMath Assess™

Model-informed drug discovery and development (MID3)  
software to assess efficacy, safety, and therapeutic index for  
early stage biotherapeutics

## Target Engagement Safety

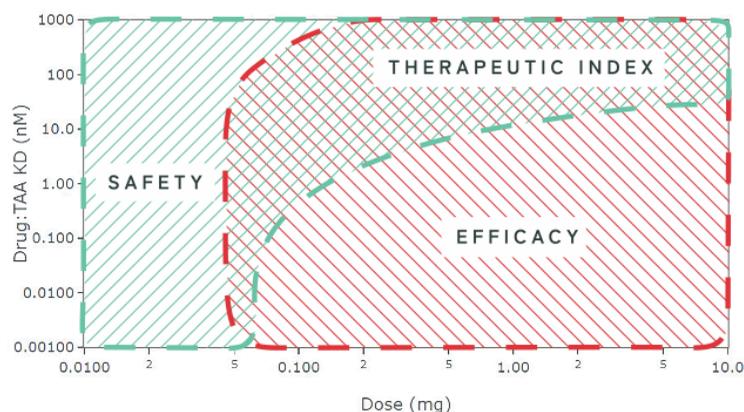


## Target Engagement Efficacy



## Therapeutic Index

 Safety  Efficacy



- ✓ Intuitive graphical user interface with pre-built pharmacology models requires no programming experience
- ✓ Automatic report generation and saved scenario files enable reproducibility and traceability
- ✓ Point and click interface helps inform drug, target, and dose-related questions in real time, such as:

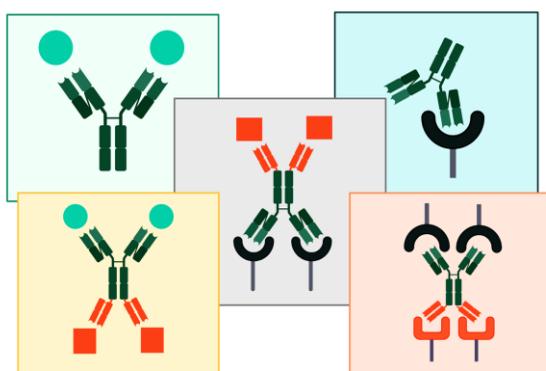
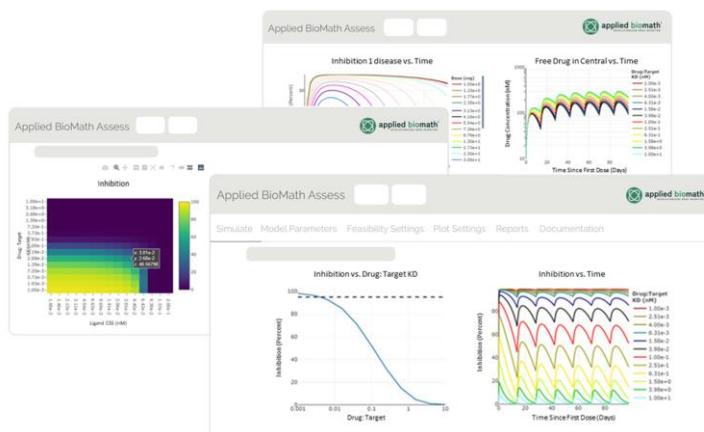
- How hard will it be to develop the biologic (e.g., affinity, avidity, format, T1/2, dose, dose frequency, uncertainty)?
- Should I expect Target Mediated Drug Disposition (TMDD) with this target?
- Do I already have my Lead(s) or do I need to continue optimizing?
- Should I expect improved affinity or PK to translate to improved dosing?

# Applied BioMath Assess™

## Key Features

### Gain Deeper Insight with Built-in Analyses and Interactive Plots

- Perform 1- or 2-dimensional scans by selecting scan parameters and output feasibility criteria including percent inhibition, activation, and target engagement
- Visually assess results and key parameter values with interactive dose-response and pharmacokinetic and pharmacodynamic (PK/PD) plots



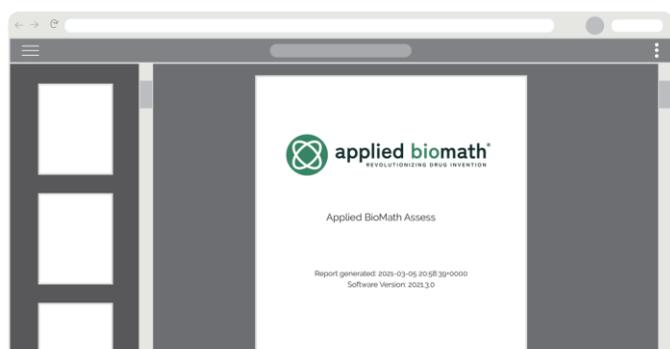
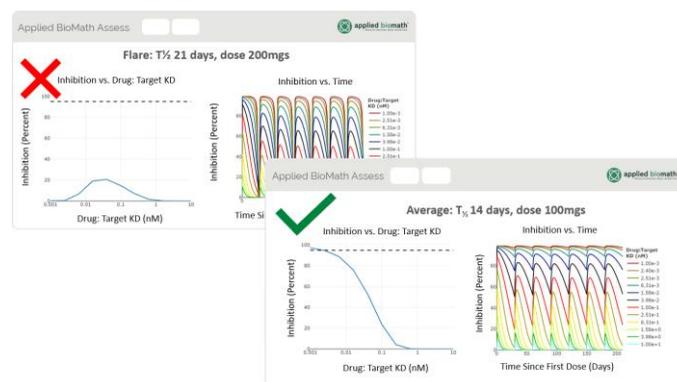
### Get Started Quickly with Pre-built Pharmacology Models

Applied BioMath Assess offers several libraries of monospecific and bispecific, single compartment and multicompartment models covering common pharmacologies.

- Biotherapeutic Model Pack
- Cell Engager Model Pack
- Avidity Model Pack

### Easily Explore “What If” Questions with Scenarios

- Create Scenarios, or sets of parameters, to contrast and compare various scenarios
- Add, duplicate, or delete scenarios with the click of a button
- Vary parameters in the scenario table to explore risk and uncertainty with near real-time simulation



### Document, Share, and Reproduce Your Analyses

- Save scenario sets for traceability and reproducibility and/or to share work with colleagues
- Automatically generate a PDF report with a unique ID, date and time stamp, and download plots individually as PNG images