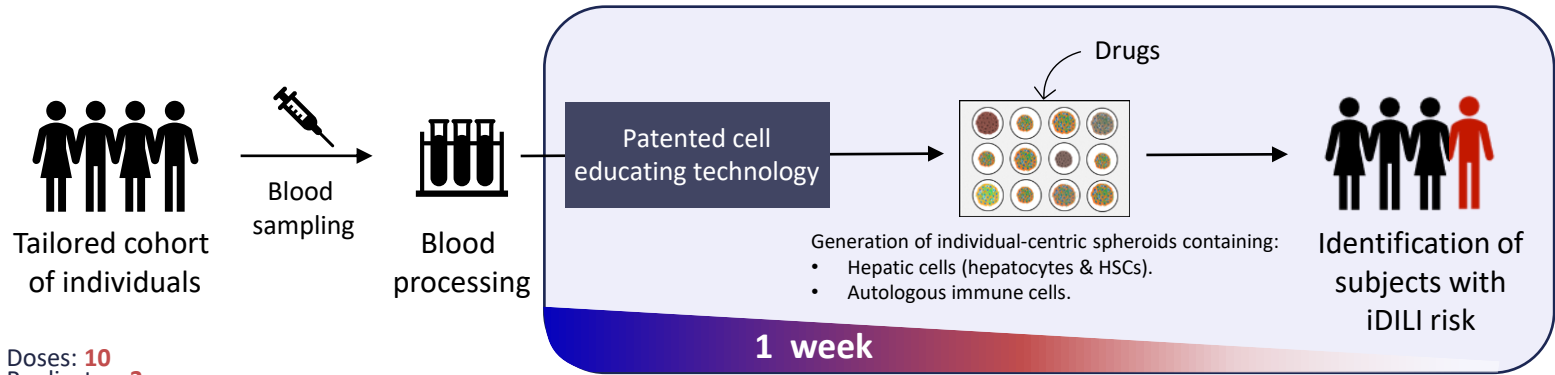




GenuineSelect-TOX platform

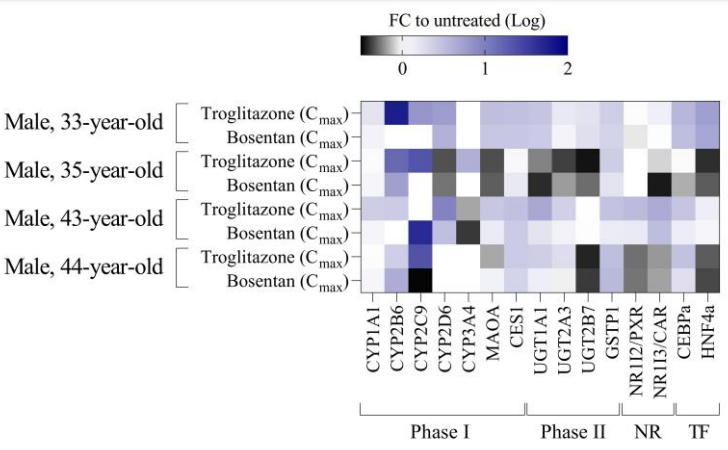
Individual-centric models for iDILI detection

Secure lead compound selection by de-risking iDILI occurrence with individual-centric models

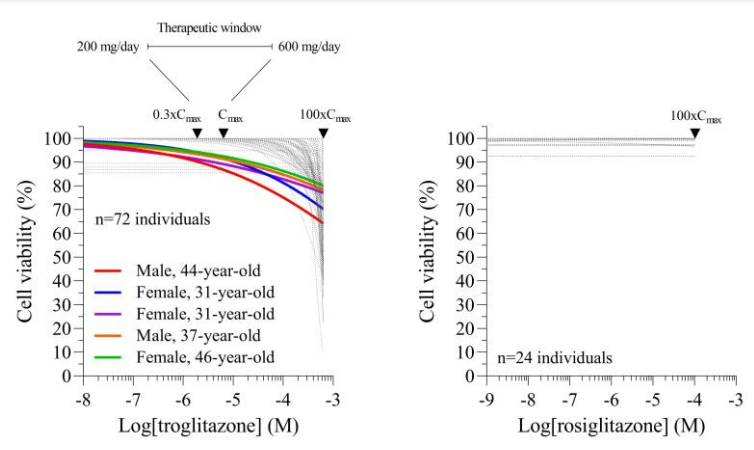


Doses: **10**
 Replicates: **3**
 Readout: **Cell viability**
 Minimum cohort size (recommended): **24 individuals**

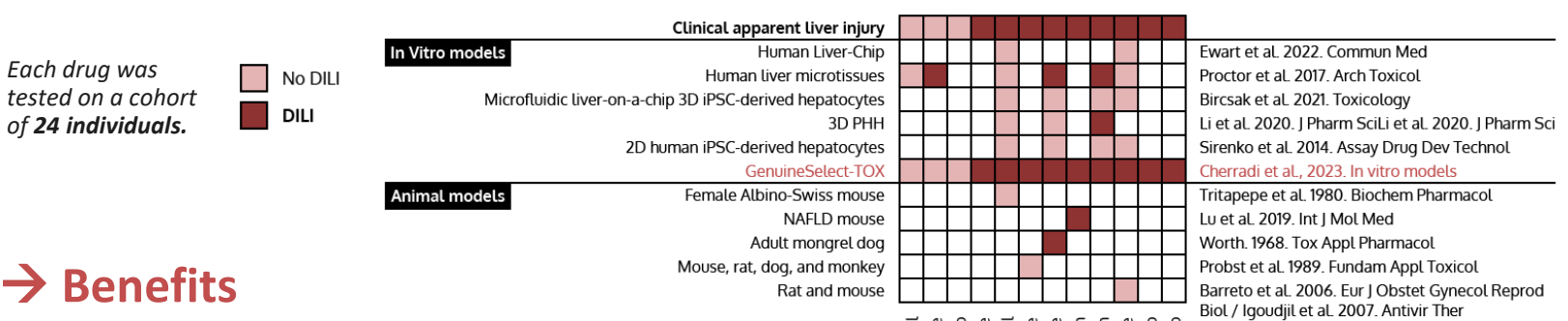
Individual dependent induction of drug metabolizing enzymes, xenobiotic sensors, and TFs



Detection of iDILI at therapeutic doses



Accurate prediction of iDILI risk of a panel of drugs with clinical apparent liver injury



→ Benefits

- Analyze iDILI risk on a tailored cohort of individuals
- Get insights on age- and sex-associated iDILI risk
- De-risk DILI already at early preclinical stage
- Quick toxicity screenings for decision-making
- Improve lead compound selection
- Reduced time and costs of drug development