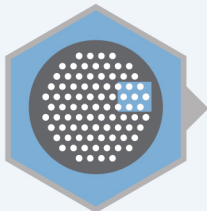




The Need

\$2.6B to bring a drug to market

32% of attrition of marketed drugs is due to liver toxicity



Generate Metabolites

HepatoPac®
Micropatterned Hepatocyte
Co-Cultures:

Generate 30% more metabolites than standard cultures

Custom architecture mimics in vivo environment



Detect Metabolites

SCIEX TripleTOF® SWATH
Acquisition:

Identification/confirmation of low-level and toxic metabolites in a single injection

100% MS/MS coverage

Retrospective data analysis without the need for re-analysis



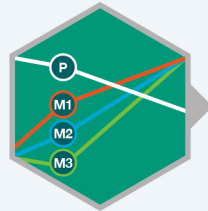
Identify & Confirm Metabolites

MetabolitePilot™
Integrated Software
Solution:

Identification, confirmation, structure elucidation of expected and unexpected metabolites

Efficient data mining with intuitive algorithms

Generate detailed reports for easy review



Compare Across Species

Mitigate risk in product development

Compare metabolic profile across four species in a single experiment

Cost savings compared to expensive animal studies



Advance Drug Research

Accelerate time to market with faster drug approvals

No more surprises!



Hepregen