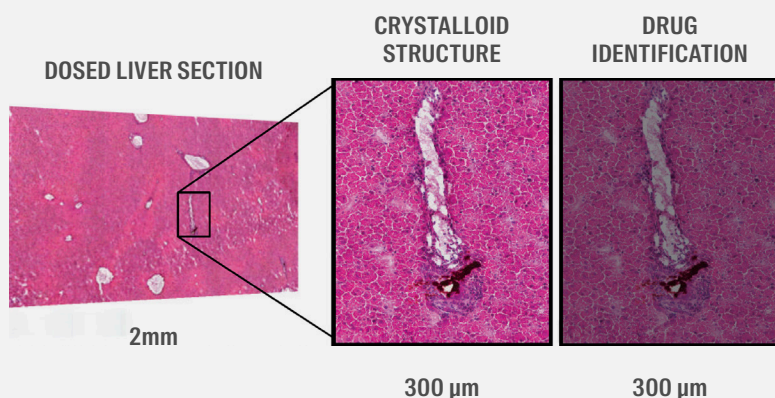


Aliri identifies the causes of toxicology with molecular histology:

About 50% of toxicology studies require investigations about the mechanism of toxicity, especially if it is drug-induced or not. Aliri addresses these critical issues in order to make an informed Go/NoGo decision during a Lead Optimization program or for a drug candidate selection.

Indeed, using Multimaging™ technology (QMSI & microscopy), the molecular distribution of targeted molecules (parent drug and its drug metabolites) is directly correlated to histopathologic and functional tissue changes. Using statistical analysis and proprietary metabolomics database, Aliri detects and identifies relevant molecular toxicity markers.



BENEFITS

- Identification of drug and reactive metabolites involved in the mechanism of toxicity
- Identification of endogenous molecules involved in the mechanism of toxicity
- Support Go/No go decision
- Support optimization of drug chemistry

ADVANTAGES

- Focused drug and metabolites distribution with MALDI Imaging Mass Spectrometry
- Metabolite identification with High Resolution MALDI Imaging Mass Spectrometry
- Quantitative study combined with staining and Immunohistochemistry
- Use of unique dedicated software (Multiimaging™)

PATHOLOGIES

DRUG INDUCED LIVER INJURY	DRUG INDUCED LUNG INJURY	DRUG INDUCED KIDNEY INJURY
<ul style="list-style-type: none"> ■ Hepatitis pattern (Hepatocellular alterations/inclusions) ■ Cholestasis ■ Granulomatous hepatitis ■ Steatosis ■ Chronic hepatitis/fibrosis/cirrhosis ■ Vascular lesions ■ Neoplasia 	<ul style="list-style-type: none"> ■ Idiopathic pulmonary fibrosis ■ Pulmonary vascular disease ■ Parenchymal hemorrhage ■ Asthma ■ Noncardiac pulmonary edema 	<ul style="list-style-type: none"> ■ Vascular disfunctions ■ Tubular disfunctions ■ Glomerular disfunctions ■ Interstitial cells disfunctions

