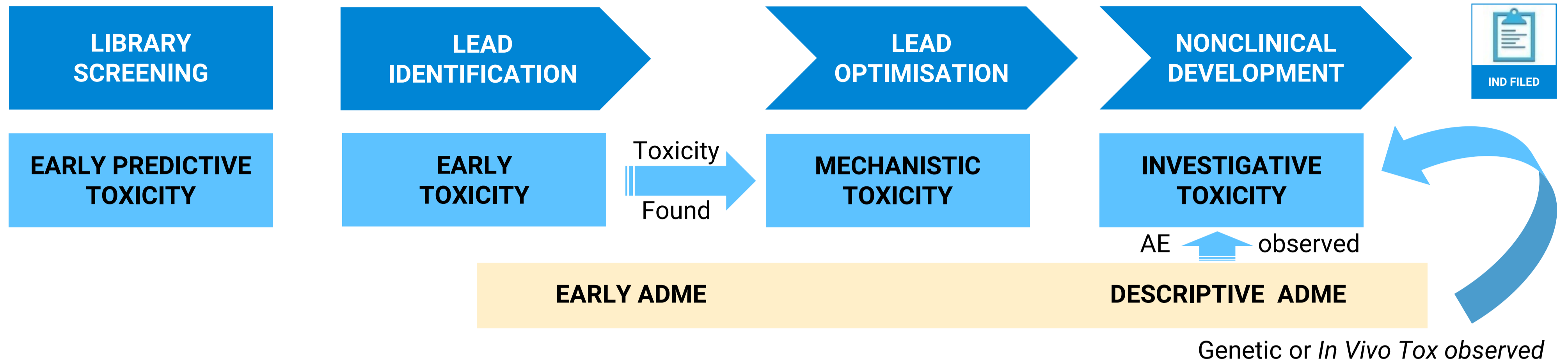


MITOCHONDRIAL TOXICITY – A WORKFLOW SOLUTION



PREDICTIVE MITOTOX SCREEN



- Mitochondria (96/384-well)
- Whole cells (96-well)
- Multiparameter
- Plate reader workflow

ACUTE MITOTOX ASSAY



- Mitochondria (96/384-well)
- Whole cells (96-well)
- Multiparameter
- Plate reader workflow

XFe96 Analyzer



- Whole cells & 3D (96-well)
- Multiparameter

MITOCHONDRIA MECHANISM & METABOLISM ASSAY

XFe96 Analyzer



- Whole cells & 3D (96-well)
- OCR / ECAR / FAO
- Mitochondria (96-well)
- Respiratory pathway

MitoXpress®



- 2D and non-spheroid 3D models e.g. Raft®
- OCR / ECAR
- Plate reader workflow

LONG TERM MITOTOX ASSAY

XFe96 Analyzer



- 3D spheroids
- 0-14 day MitoTox and Reserve (spare) Capacity
- Drug injection

MitoXpress®



- 2D and non-spheroid 3D models e.g. Raft®
- 0-14 day MitoTox and Reserve (spare) Capacity
- Plate reader workflow

Porceddu, M *et al* (2012) *Toxicological Sciences*
 Hynes, J *et al* (2013) *Toxicology in Vitro*