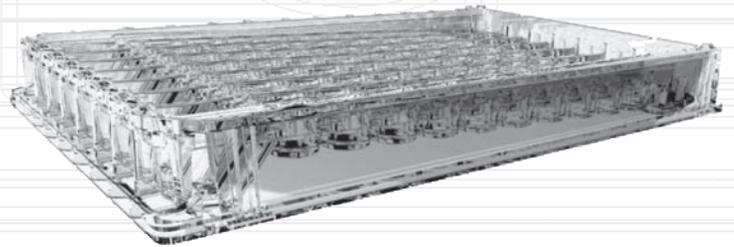


SciFlow™ 1000 Fluidic Culture System

Enabling Human Physiology on the Benchtop

The world's first 96-well format *in vitro* fluidics culture system to seamlessly integrate with your laboratory workflow. Establish gradients between cell culture wells and over time, connect multiple organ systems, and monitor downstream metabolite effects.



The SciFlow 1000 system is designed to mimic *in vivo* like conditions, enabling the evaluation of your compound's effects in a human biology relevant fashion.

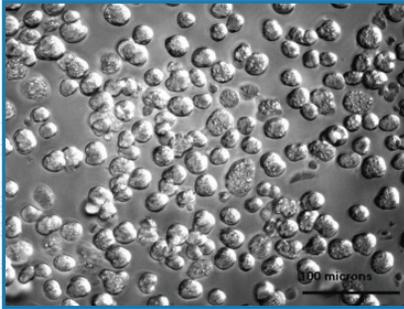
- ❖ **Improved Cell Health and Viability:** Cells cultured in a fluidic environment are healthier and show increased viability over extended periods of time. Dynamic flow creates a more *in vivo* like environment.
- ❖ **Gradient Exposure:** Simultaneously interrogate multiple compound concentrations over the course of the experiment.
- ❖ **Parent/Metabolite Discrimination:** Open access to all cellular compartments allows for identification and quantification of all metabolic products.
- ❖ **Multi-Organ Capabilities:** Different cells and tissues can be cultured in interconnected wells allowing metabolites and conditioned media to flow downstream for more biologically relevant compound exposure data.
- ❖ **Broad Compatibility:** The SciFlow 1000 system is a tool used for culturing, exposing, and analyzing cells. It is compatible with plate readers, high content imagers, multi-channel pipettes, and a broad array of laboratory automation equipment.

“Elegant in its simplicity” –Scientific Director, Top 5 Biotech

SciFlow™ 1000 Fluidic Culture System

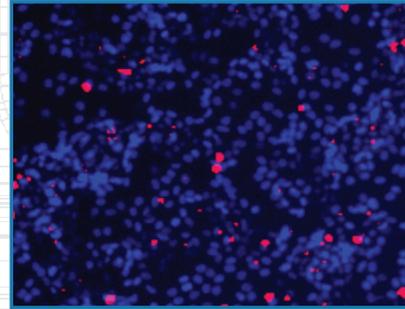
Enabling Human Physiology on the Benchtop

Imaging



Microscopy

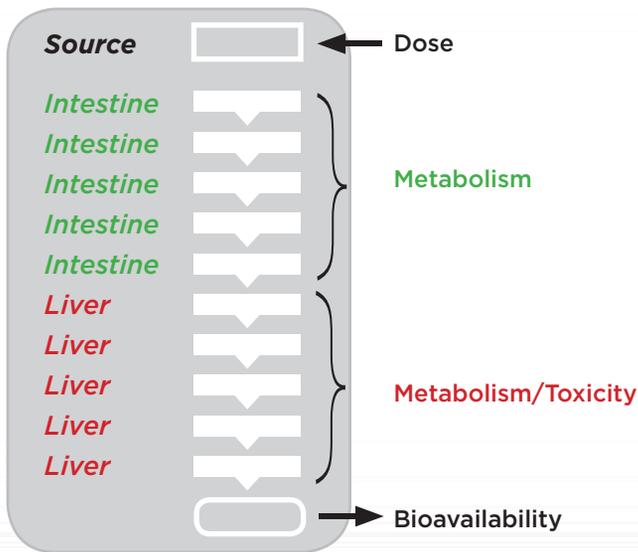
Standard Inversion Microscopy



High Content Imaging

Hoechst Stain-Blue
CellTox Green-Pink

Biological Relevance



Multi-Organ Capability

Data Intensive

Time (hrs)	Aflatoxin B Treatment									
	3	4	5	6	7	8	9	10	11	
0.0	81%	82%	84%	80%	81%	85%	81%	83%	82%	
0.5	80%	81%	83%	80%	80%	84%	80%	83%	86%	
18.0	80%	73%	83%	82%	81%	87%	85%	86%	88%	
20.4	80%	74%	83%	82%	81%	87%	86%	86%	87%	
22.8	76%	74%	83%	84%	82%	87%	87%	87%	88%	
24.9	76%	74%	83%	83%	82%	87%	87%	87%	88%	
39.8	55%	58%	61%	65%	66%	74%	68%	72%	73%	
44.4	58%	58%	59%	64%	66%	73%	67%	71%	74%	
46.9	59%	58%	58%	65%	65%	73%	68%	71%	72%	
49.5	59%	55%	56%	62%	64%	71%	68%	69%	73%	
65.3	33%	33%	34%	39%	48%	60%	54%	58%	67%	
68.0	43%	32%	32%	38%	45%	58%	53%	57%	67%	
70.5	40%	31%	31%	33%	44%	55%	54%	54%	66%	
71.9	41%	31%	31%	33%	44%	55%	54%	55%	67%	
89.3	15%	11%	9%	10%	17%	26%	30%	37%	50%	

Heat Map % Viability

About SciKon Innovation, Inc.

SciKon Innovation, Inc. is a life sciences company that supports the pharmaceutical, biotech, agricultural, environmental and chemical industries by delivering innovative tools, products and services designed to improve their client's research operations. SciKon provides these industries with research tools and services which include the SciFlow 1000 Fluidics Culture System, specialty media, contract research services, tissue and skin procurement services, as well as custom research tool development.

For More Information Please Contact:

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