

Society for Neuroscience 2021

Fluidics and Spectrophotometry

November, 2021



Stronger. Together.



Pre-clinical solutions



Panlab



Cellular solutions



Molecular solutions



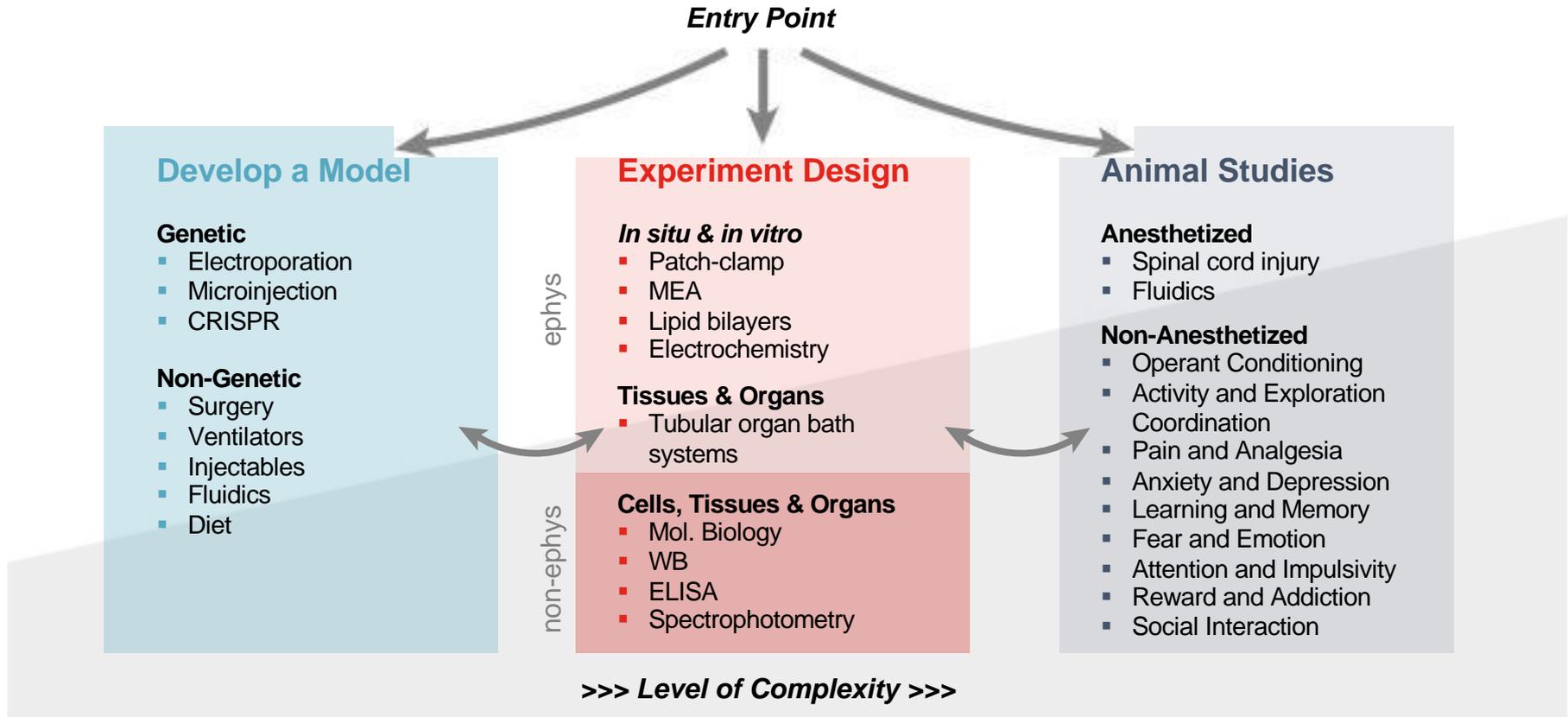
Support solutions



Powered by Harvard Bioscience, Inc.



Neuroscience Research



- HA Ventilators & pumps • BTX Electroporators • Warner Microinjectors • HEKA Patch-clamp • MCS MEA Systems •
- HSE Isolated Organ • Hofer & SciePlas WB • Biochrom AAA • DSI Telemetry • Panlab & Coulbourn Behavior •

Fluidics



Researchers typically require	How we support you
Accurate, repeatable sample delivery	Delivering precision infusion with industry 'gold standard' syringe pumps for highly accurate, repeatable results
High experiment throughput Run multiple infusion experiments to accelerate throughput without compromising accuracy	Versatile, multi-channel Harvard Apparatus Pump Controller (HAPC) accelerates throughput <ul style="list-style-type: none">• <i>control up to four syringe pumps simultaneously</i>
Exceptional application support	Our highly skilled Application Scientists specialize in physiological research and help you conduct infusion experiments to get the accurate results you need



Harvard Apparatus Pump Controller (HAPC)

- **Increase laboratory efficiency**
Run multiple experiments simultaneously
- **Precision infusion for accurate results**
Controls up to four high precision Harvard Apparatus syringe pumps
- **Flexible**
Modular system, field-expandable — to keep up with your changing research needs
- **Easy-to-use**
Large, color touchscreen control with intuitive graphical user interface



Nanomite Stereotaxic Syringe Pump

- **Precision infusion for accurate results**
Acute intracerebral injections for neuroscience research
 - Infuse virus, drug, and cancer cells to precise locations
- **Flexible**
Mounting arm compatible with all stereotaxic frames available
- **Easy-to-use**
Color touchscreen control with intuitive graphical user interface
 - On/off footswitch included
- **Correct tool for neuroscience research infusion**
 - Referenced in over 1,000 journal articles



Fluidics



Pump 11 Elite & PHD ULTRA™ Syringe Pumps

- **Precision infusion for accurate results**
Smooth accurate infusion for neuroscience research
- **Flexible**
In vivo and in vitro infusion applications
 - Blood brain barrier infusion
 - Organoids (Organ-on-a-chip, Lab-on-a-chip)
- **Easy-to-use**
Color touchscreen control with intuitive graphical user interface
 - Fast, simple infusion setup
 - On/off footswitch included
- **Correct tool for neuroscience research infusion**
 - Referenced in over 1,000 journal articles



Spectrophotometry



Researchers typically require	How we support you
Data Consistency Across a Broad Spectrum of UV-Vis Analyses	Proven, robust and reliable range of dedicated UV-Vis life science spectrophotometers
Data Accuracy Cell proliferation and viability assays	Providing absorbance-based microplate readers for simple cell assays
Exceptional Application and Service Support	Skilled application scientists are ready to help you conduct your spectrophotometry studies to obtain the results you need

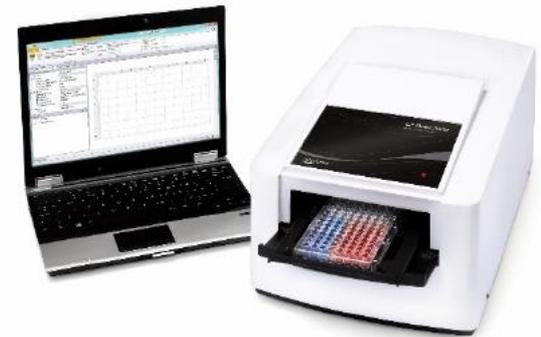


Spectrophotometry



Ensuring the success of your spectrophotometry research

- Proven, robust instruments yielding consistently reliable results
- Flexible - easily meet your particular research requirements
 - Choose from a wide range of spectrophotometric solutions
 - Supporting *in vitro* studies across a variety of applications
- A partnership to further your research
 - Outstanding scientific support



Why Harvard Bioscience?



Do you experience these challenges?	How Harvard Bioscience supports you
Inefficiencies due to multiple vendor transactions	Harvard Bioscience delivers a full suite of solutions to tackle your needs and minimize your headaches
Disconnect between adjacent labs	With scientists on staff, we are uniquely positioned to understand the requirements of all your labs, and construct a proposal that ensures the solutions for one lab appropriately feed the results of the others
“We don’t know what we don’t know.”	Experienced representatives can conduct an assessment to help you determine the solutions that are right for you
Inefficiencies with grant proposal applications	A trusted and reputable partner, Harvard Bioscience can provide expertise to support your grant proposal submissions



Fluidics & Spectrophotometry



For more information on our fluidics and spectrophotometry products:

www.harvardapparatus.com

www.biochromspectros.com

