

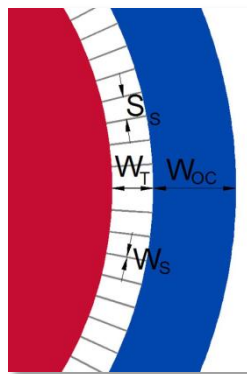
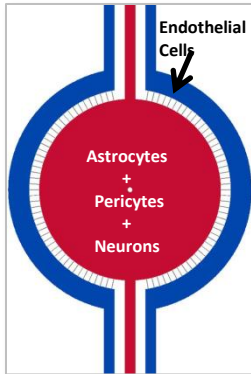
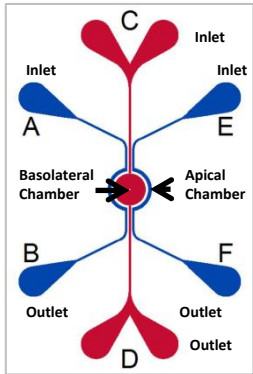


The Most Realistic *in vitro* Blood-Brain Barrier Model

The only *in vitro* blood-brain barrier model with:

- ✓ Accurate *in vivo* hemodynamic shear stress
- ✓ Real-time visualization of cellular and barrier functionality
- ✓ Significant reduction in cost and time
- ✓ Robust and easy to use protocols

TheScientist
**TOP
TEN**
INNOVATIONS

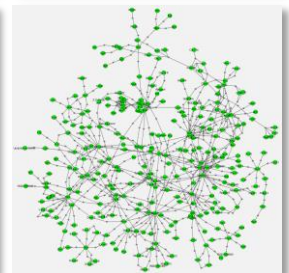
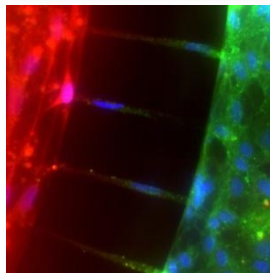
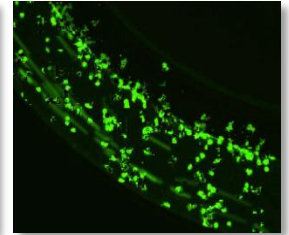
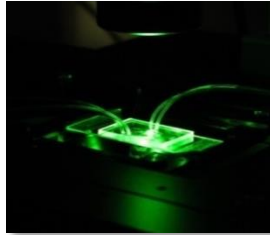


- Side-by-side architecture enables real-time visualization
- Physiological dimensions with engineered porous gap
- Microfluidic platform with ultra-low sample volumes

Realistic co-culture with real-time monitoring of cell-cell interactions between vascular, immune, and neuronal cells

A highly versatile platform for investigation of:

- ✓ Tight junction proteins
- ✓ Transporter proteins
- ✓ Drug permeability
- ✓ Inflammation
- ✓ Cell migration
- ✓ Omic changes
- ✓ Neurotoxicity
- ✓ Neuro-oncology



SynVivo® is a physiological, cell-based microchip platform that provides a morphologically and biologically realistic micro-environment allowing real-time study of cellular behavior, drug delivery and drug discovery.

Contact Us Today to Discuss Your Research Needs!

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