

PRIMARY CELLS

MEDIA & REAGENTS

CELL BIOLOGY PRODUCTS



### Cell Applications, Inc. advantage:

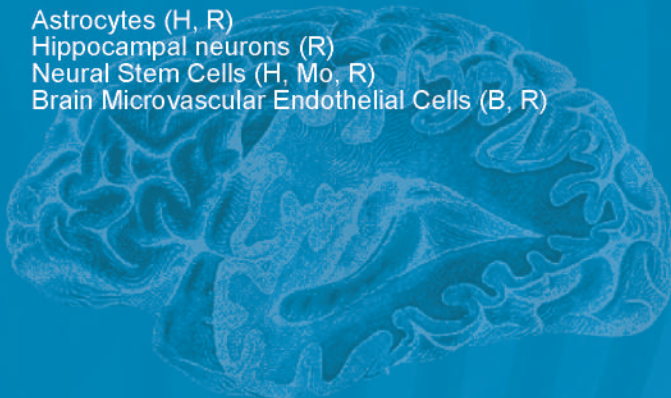
- High purity and low passage
- Rigorous quality control
- Cells from a variety of tissues & species
- Matched sets from the same donor
- Maximum flexibility
- Custom services
- Ready-to-use Total Kits

### 14 published studies on:

- Cellular basis of diabetes and obesity
- Estrogen in postmenopausal breast cancer
- Epigenetic modifications in iPS reprogramming
- Mechanisms of adipogenesis
- Development of insulin resistance
- Differentiation of preadipocytes
- Adipocytokines in pregnancy
- Drug discovery

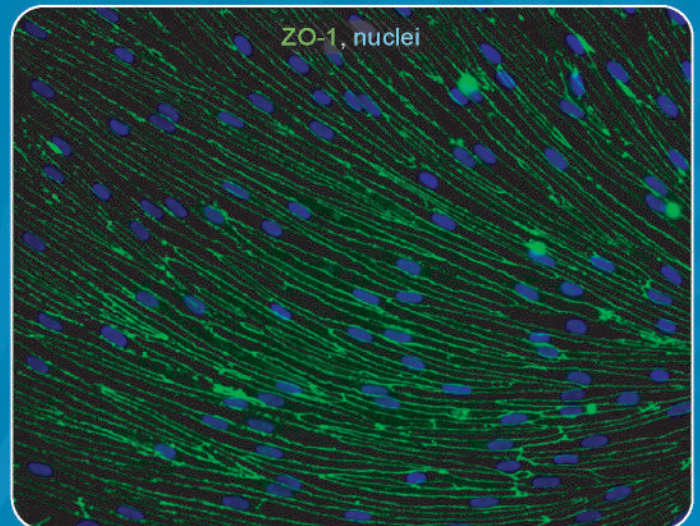
### Primary brain cells

Astrocytes (H, R)  
 Hippocampal neurons (R)  
 Neural Stem Cells (H, Mo, R)  
 Brain Microvascular Endothelial Cells (B, R)

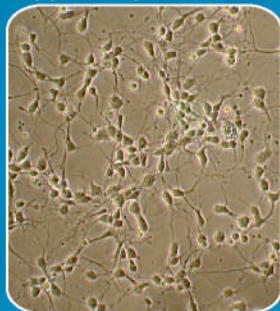


NSC: Neural Stem Cells  
 MVEC: Microvascular Endothelial Cells  
 H: Human; B: Bovine; M: Mouse; R: Rat

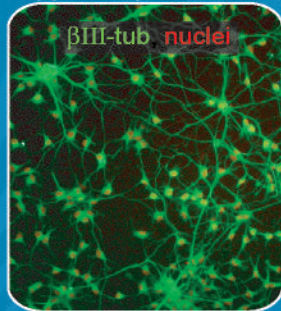
### Brain Microvascular Endothelial Cells



Hippocampal Neurons



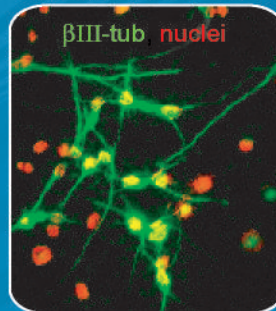
Hippocampal Neurons



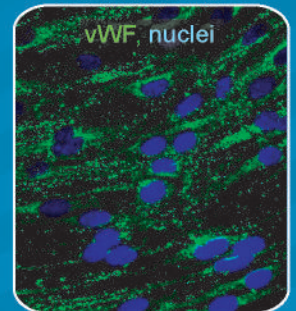
NSC, neurospheres



NSC, differentiated



Brain MVEC



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