

# Methods For Differentiation Of Human Pluripotent Stem Cells To Brain Microvascular Endothelial Cells

View U.S. Patent No. 10,214,724 in PDF format.

WARF: P160289US02

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## The Invention

Methods for generating functional brain microvascular endothelial cells (BMECs) under chemically defined, serum-free conditions are provided. In particular, efficient and cost-effective methods for generating functional BMECs under chemically defined culture conditions are provided. BMECs obtained according to the methods provided herein are suitable for in vitro blood brain barrier (BBB) formation.

### Additional Information

### For More Information About the Inventors

- Eric Shusta
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## **Tech Fields**

• Pluripotent Stem Cells: Differentiation

For current licensing status, please contact Andy DeTienne at adetienne@warf.org or 608-960-9857