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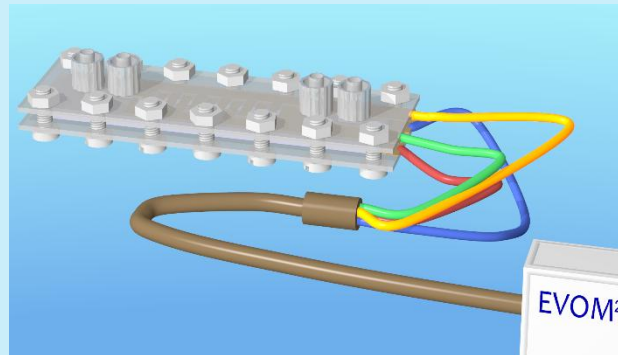


Engineering the brain barriers: lab-on-a-chip systems for drug testing and disease modeling

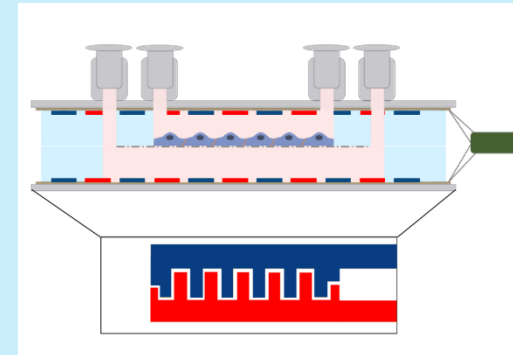
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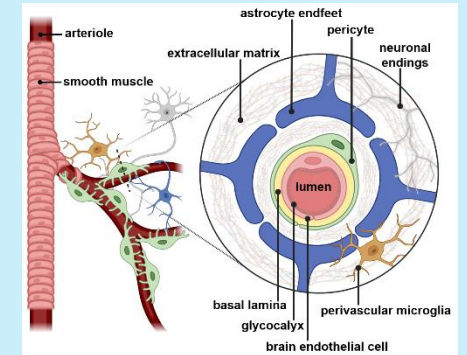
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Two-compartment lab-on-a-chip device to model biological barriers



Resistance measurement in our lab-on-a-chip model is based on sputter coated gold electrodes



Schematic illustration of the blood-brain barrier (BBB) [Andjelkovic et al. 2023, modified; BioRender.com]

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Deli et al, 2024