

**ADVANCED  
HEALTHCARE  
MATERIALS**

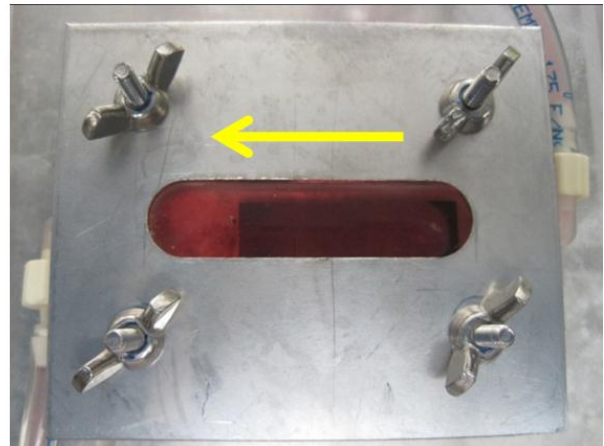
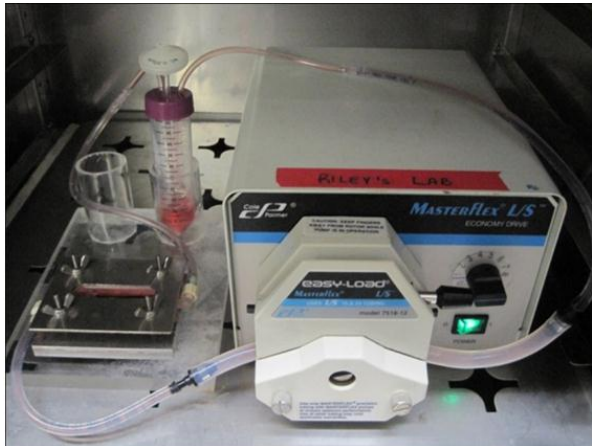
Supporting Information

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**Nanowell-Trapped Charged Ligand-Bearing Nanoparticle  
Surfaces: A Novel Method of Enhancing Flow-Resistant Cell  
Adhesion**

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**Supporting Information 1.** Will be uploaded separately.



**Supporting Information 2. Biochamber design.** The biochamber is connected to a pulsatile pump with media reservoir to mimic blood flow. The biochamber can hold up to 5 cell-seeded chips. The arrow indicates the flow direction.

**Supporting Information 3.** Will be uploaded separately.