Supplementary Figures

Rapid low-cost assembly of modular microvessel-on-a-chip with benchtop xurography

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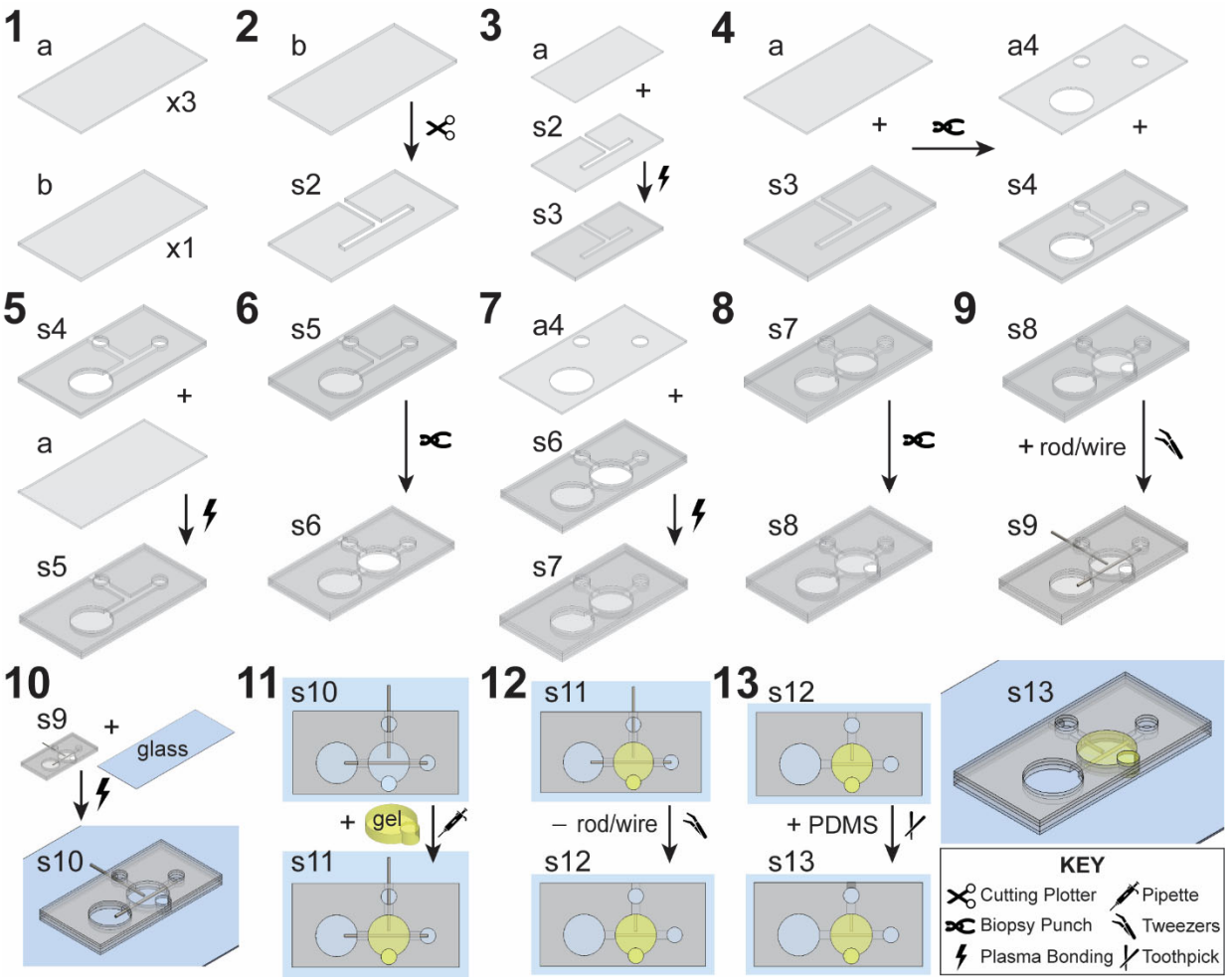
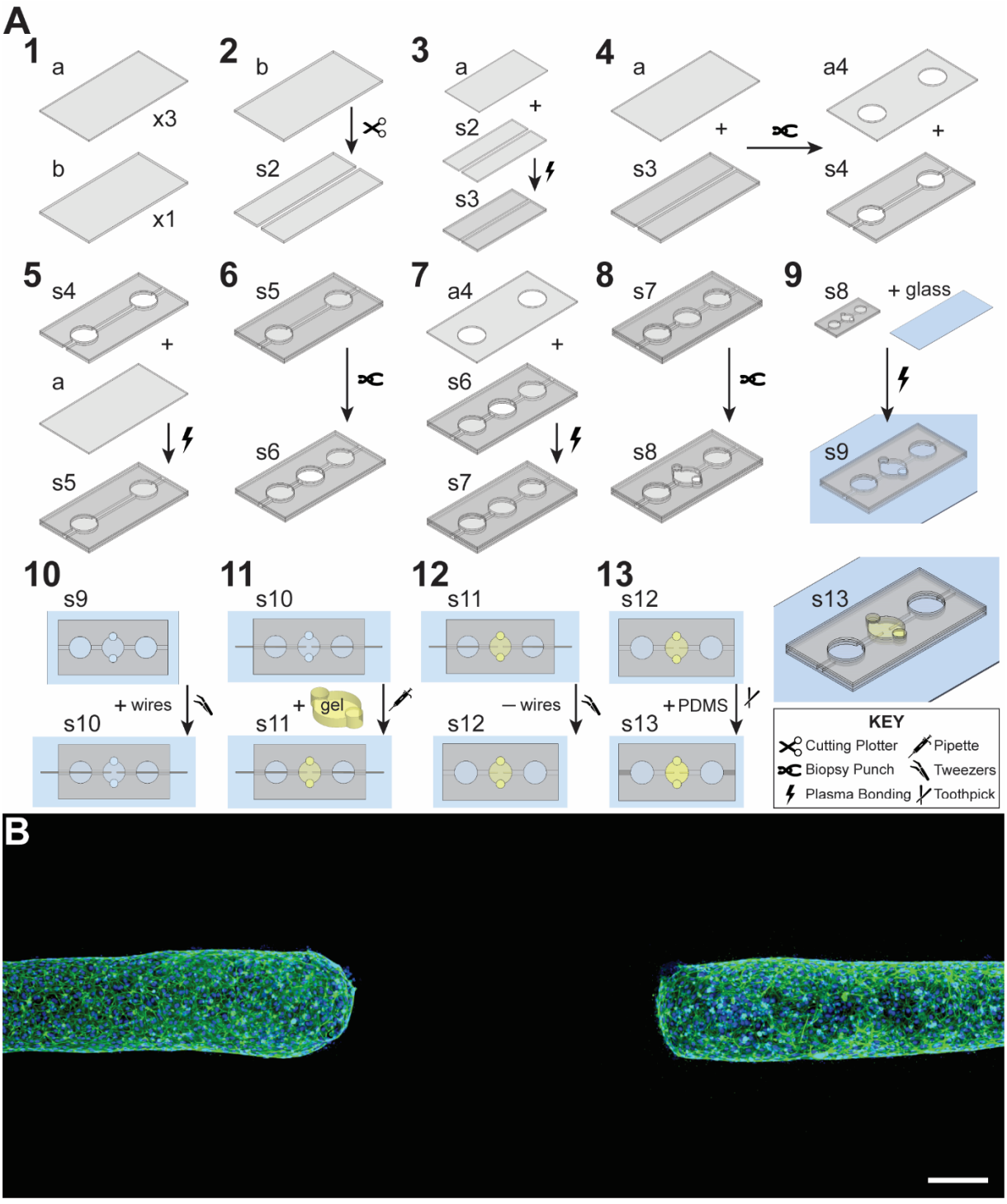
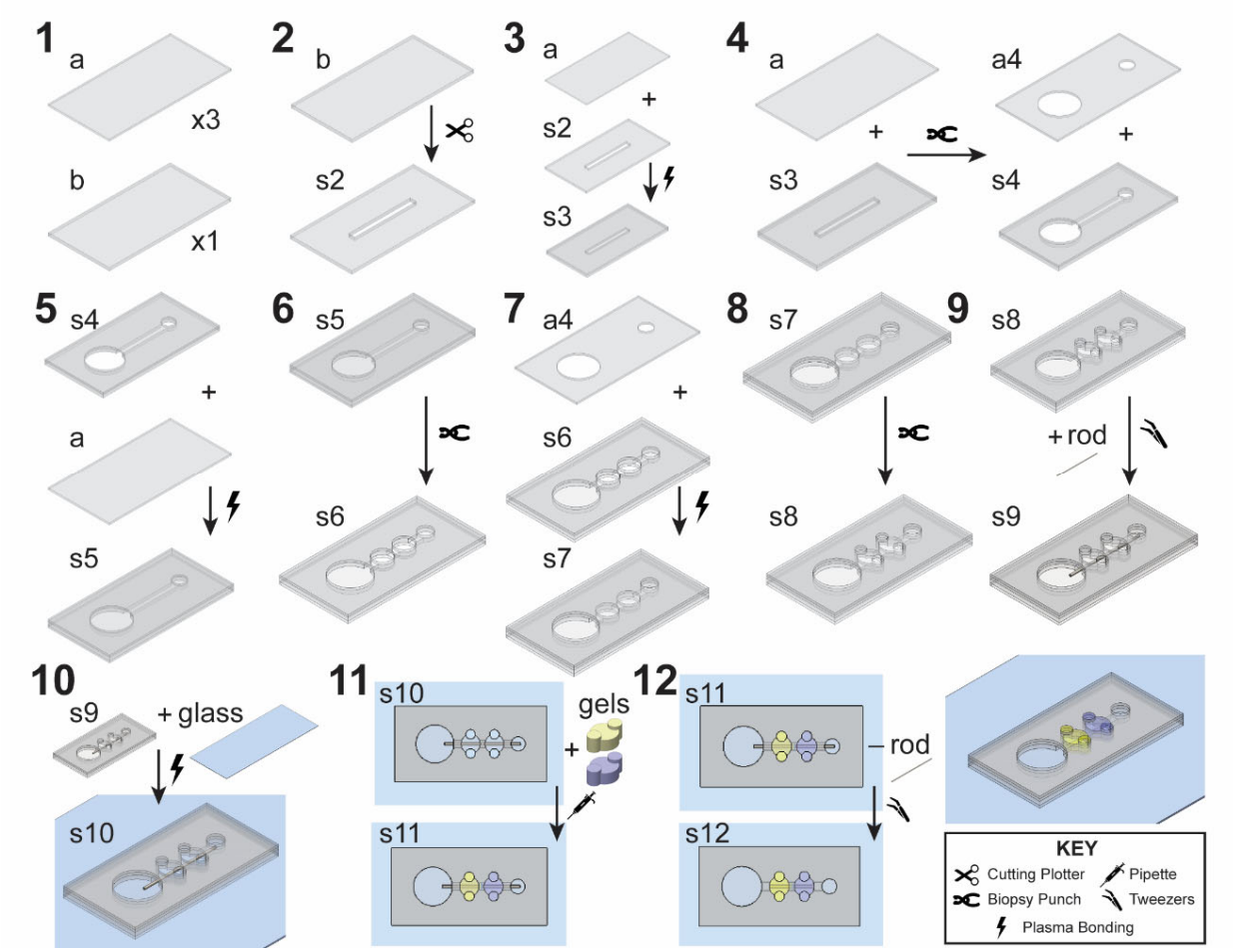


Supplementary Figure 1: Detailed fabrication steps to engineer T-junction microvessels or open blood vessel oriented perpendicular to close-ended blood or lymphatic vessel.



Supplementary Figure 2: A) Detailed fabrication steps to engineer two opposing close-ended vessels. B) Confocal Z-projection of intact cylindrical close-ended lymphatic microvessels lined with HDLECs, stained for F-actin (phalloidin, green) and nuclei counterstain (DAPI, blue). Scale bar is 200 µm.



Supplementary Figure 3: Detailed fabrication steps to engineer a single microvessel exposed to two distinct localized ECM microenvironments.