

Fig. 1 Fabrication process flow for both electrical sensing (left) and microfludics (right) layers, covalently coupled by oxygen plasma bonding of the PDMS and SiO₂ surfaces.

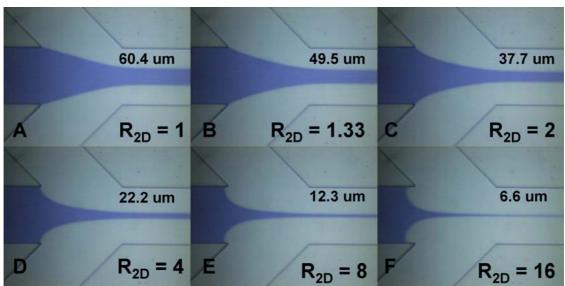


Fig. 2 Micrographs of 2D focusing region with Trypan blue sample for various R_{2D} values.