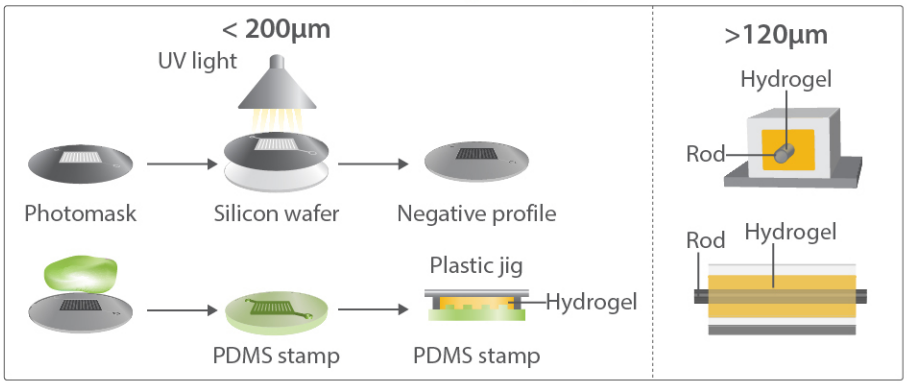
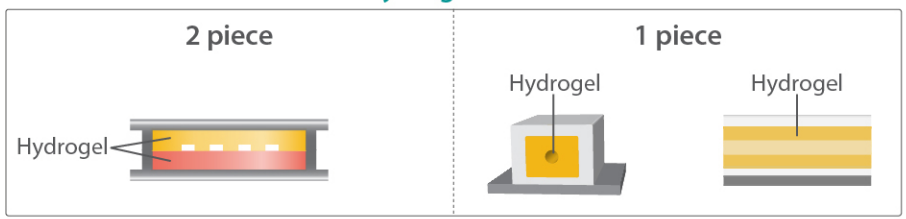
# Key parameters for the design of *in vitro* vascular models

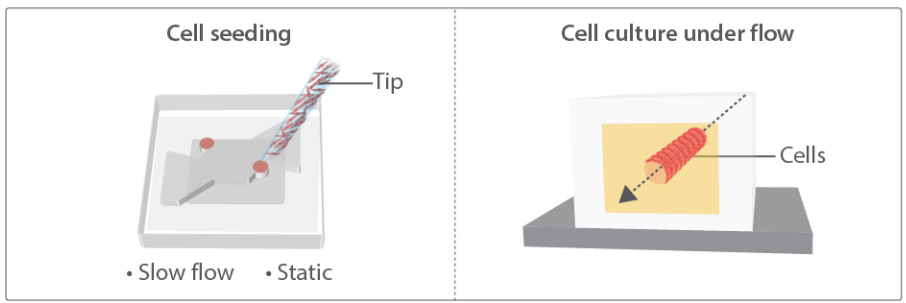
## 1 - Channel geometry




## 2 - Hydrogel scaffold

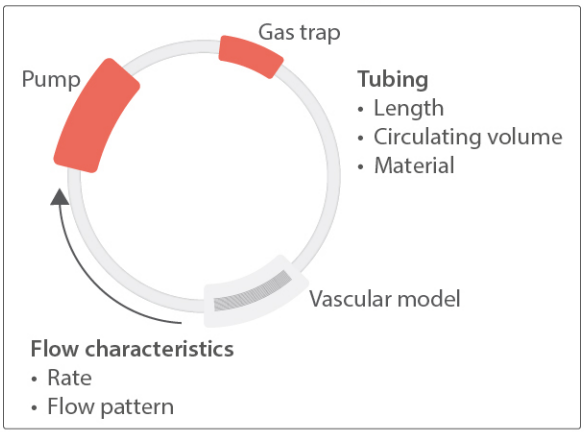



## 3 - Endothelial cells

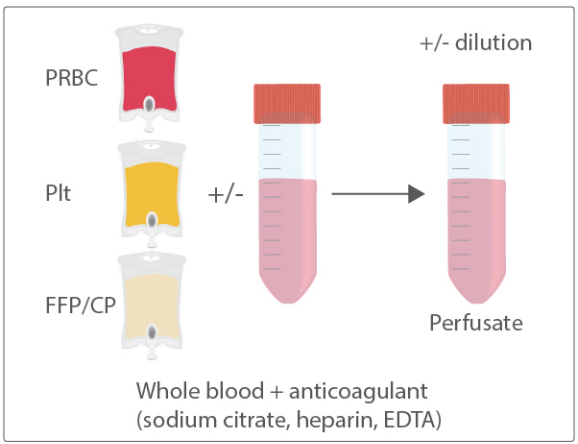



Cell types: HLMECs, HAECs, HUVECs, HDMECs, PSC-derived endothelial cells

## 4 - Circuit design




## 5 - Perfusate mixture




Ng *et al.*, Haematologica, 2019