Electronic Supplementary Material (ESI) for Journal of Materials Chemistry B.


## Immunocytochemistry staining

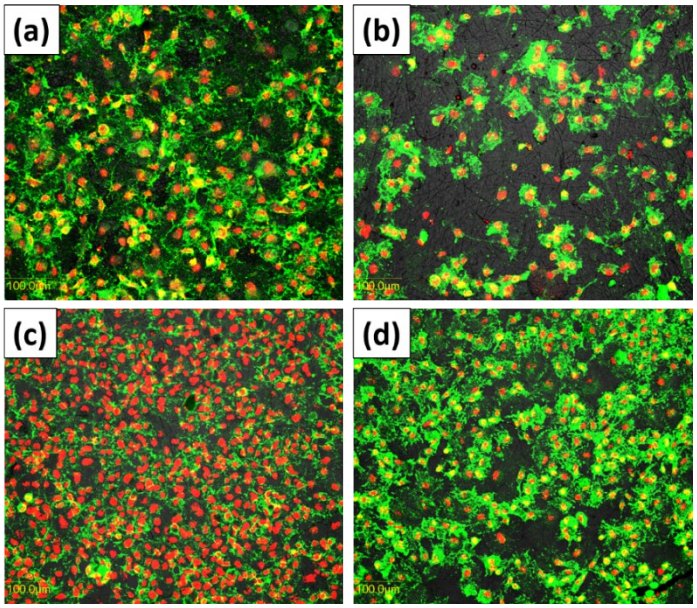


Fig. 1 The fluorescent micrographs of immune-cyto-chemical stain of HUVECs cultured on membrane (a) F, (b) FK91, (c) FK82 and (d) FK73. Cells were immune-stained with anti eNOS primary antibody and Dylight488 labeled secondary antibody, and counterstained by PI (red).

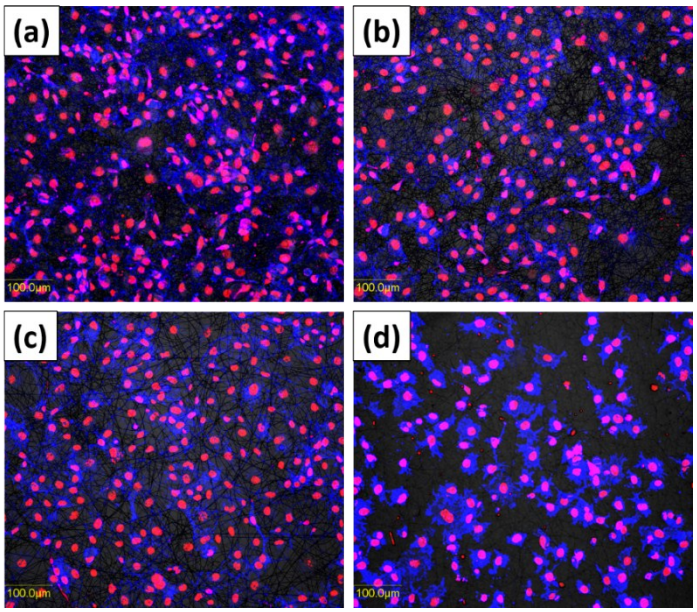


Fig. 2 The fluorescent micrographs of immune-cyto-chemical stain of HUVECs cultured on membrane (a) F, (b) FK91, (c) FK82 and (d) FK73. Cells were immune-stained with anti KDR primary antibody and Dylight488 labeled secondary antibody, and counterstained by PI (red).

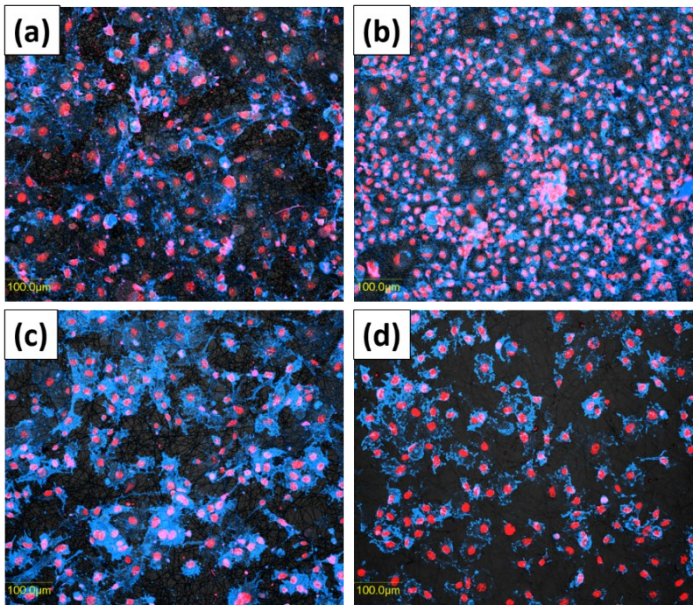


Fig. 3 The fluorescent micrographs of immune-cyto-chemical stain of HUVECs cultured on membrane (a) F, (b) FK91, (c) FK82 and (d) FK73. Cells were immune-stained with anti vWF primary antibody and Dylight488 labeled secondary antibody, and counterstained by PI (red).

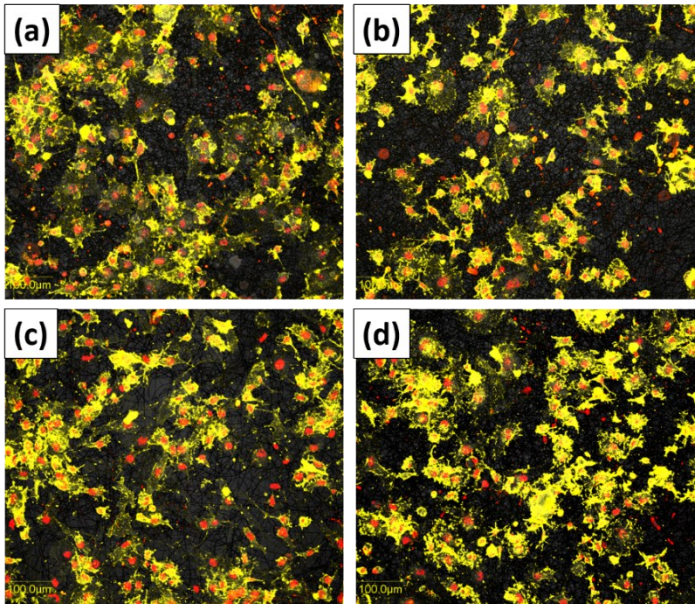


Fig. 4 The fluorescent micrographs of immune-cyto-chemical stain of HUVECs cultured on membrane (a) F, (b) FK91, (c) FK82 and (d) FK73. Cells were immune-stained with anti PECAM-1 primary antibody and Dylight488 labeled secondary antibody, and counterstained by PI (red).

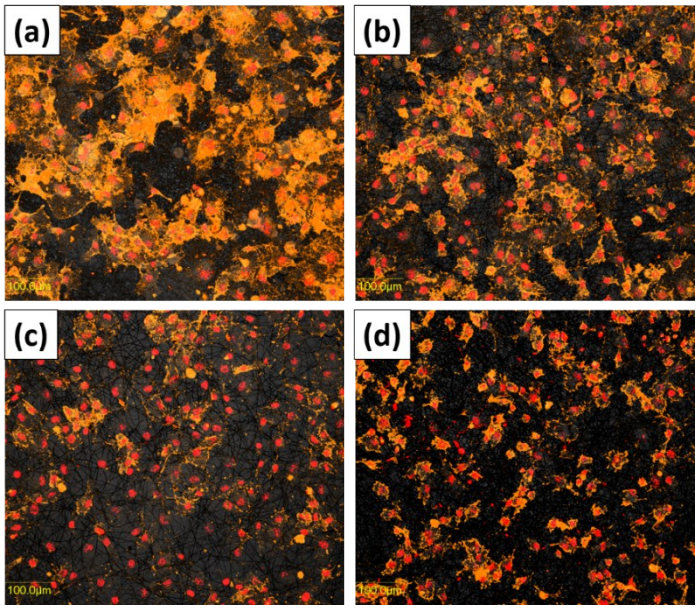


Fig. 5 The fluorescent micrographs of immune-cyto-chemical stain of HUVECs cultured on membrane (a) F, (b) FK91, (c) FK82 and (d) FK73. Cells were immune-stained with anti VCAM-1 primary antibody and Dylight488 labeled secondary antibody, and counterstained by PI (red).