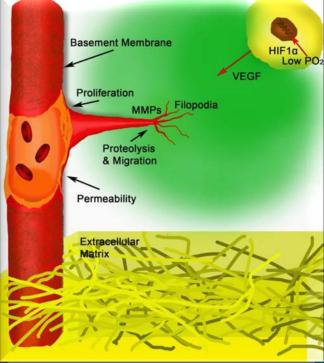
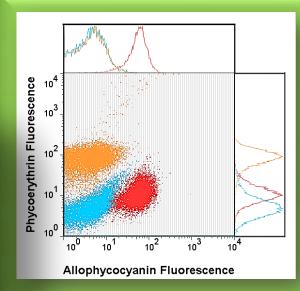
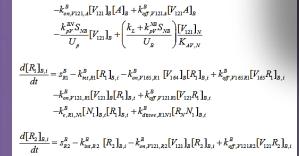
10 μm

Biophotonics







$$\begin{split} -k_{on,V165,R2}^{\mathcal{B}}[V_{165}]_{\mathcal{B}}[R_2]_{\mathcal{B},i} + k_{off,V165,R2}^{\mathcal{B}}[V_{165}R_2]_{\mathcal{B},i} \\ -k_{c,V165N1,R2}^{\mathcal{B}}[V_{165}N_1]_{\mathcal{B}}[R_2]_{\mathcal{B},i} + k_{off,V165N1,R2}^{\mathcal{B}}[R_2V_{165}N_1]_{\mathcal{B},i} \end{split}$$

$$\begin{split} \frac{d[V_{121}]_{\mathcal{B}}}{dt} &= -c_{\mathcal{V}121}[V_{121}]_{\mathcal{B}} - k_{on,\mathcal{V}121,R1}^{\mathcal{B}}[V_{121}]_{\mathcal{B}}[R_1]_{\mathcal{B},i} + k_{of,\mathcal{V}121R1}^{\mathcal{B}}[V_{121}R_1]_{\mathcal{B},i} \\ &- k_{on,\mathcal{V}121,R1N1}^{\mathcal{B}}[V_{121}]_{\mathcal{B}}[R_1N_1]_{\mathcal{B},i} + k_{of,\mathcal{V}121R1N1}^{\mathcal{B}}[V_{121}R_1N_1]_{\mathcal{B},i} \\ &- k_{on,\mathcal{V}121,R2}^{\mathcal{B}}[V_{121}]_{\mathcal{B}}[R_2]_{\mathcal{B},i} + k_{of,\mathcal{V}121R2}^{\mathcal{B}}[V_{121}R_2]_{\mathcal{B},i} \end{split}$$

Systems Biology

