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Page 5273. Considering the particle concentrations used in our experiments ($\sim 1 \times 10^{12}$ to $\sim 1 \times 10^{15}$ particles/mL), $L_{\rm m}$ is on the order of 100 nm $-1~\mu{\rm m}$. Since the monolayers are initiated at a distance of $L_{\rm p}$ (i.e., 600 nm $-1~\mu{\rm m}$) away from the CL according to our observations, we compared the nanoparticle velocities contributed by the capillary flow and the diffusion at a distance of $\sim 800~{\rm nm} + L_{\rm m}$ from the CL (Figure 4a,b).

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