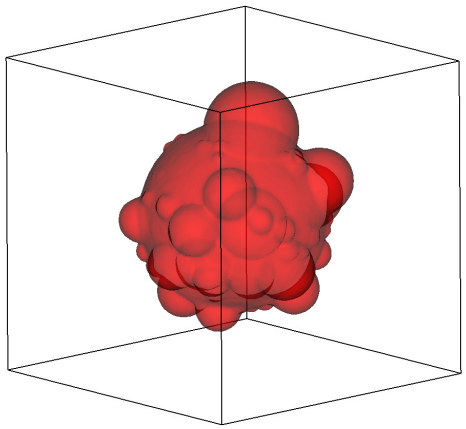
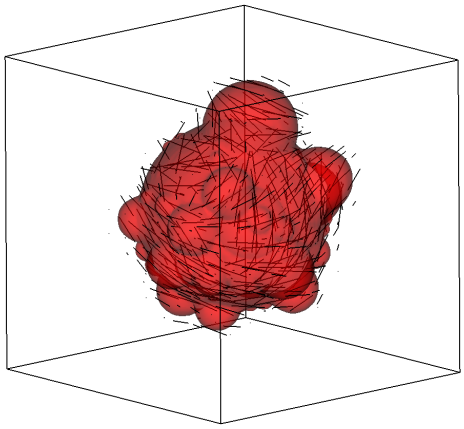
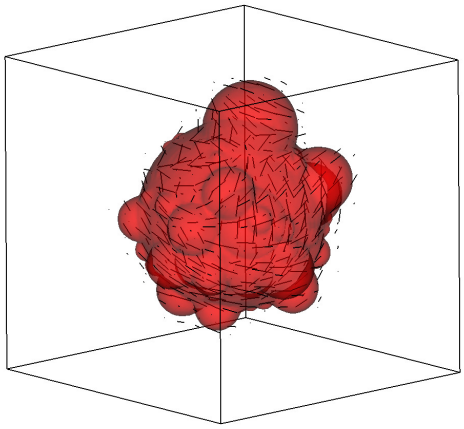


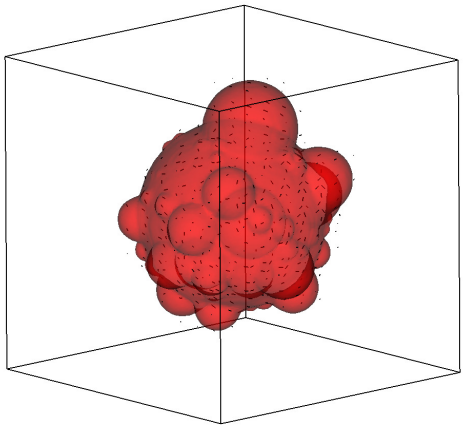
(a) Cell Morphology



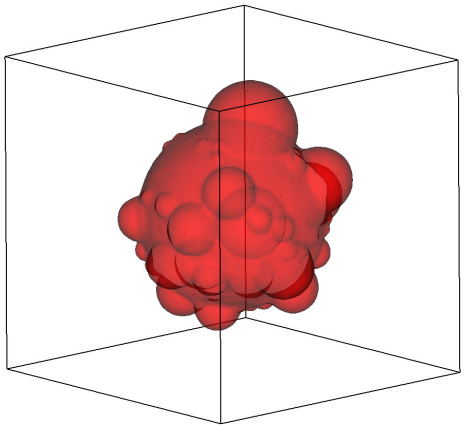
(b) $\sqrt{h_1/h_2} = 1$



(c) $\sqrt{h_1/h_2} = 0.5$



(d) $\sqrt{h_1/h_2} = 0.1$



(e) $\sqrt{h_1/h_2} = 0.01$

Figure 6: The black lines in (b)-(e) denote the direction and magnitude of the nematic director, where $|\mathbf{p}|$ indicates the degree of order between 0 (isotropic) and 1 (maximum order). Here $\sqrt{h_1/h_2}$ prescribes the Flory order parameter of the nematic equilibrium. Here we choose $h_1 = 2\times10^2 N/m^2$ and $h_2 = 2\times10^2, 8\times10^2, 2\times10^4, 2\times10^6\ N/m^2$, for (b)-(e) respectively.