Supplemental figures for case (iii)

This SI shows results from simulations where the convective transport term in (19), i.e. $\nabla(s_1 l \boldsymbol{v}_l)$, is neglected.
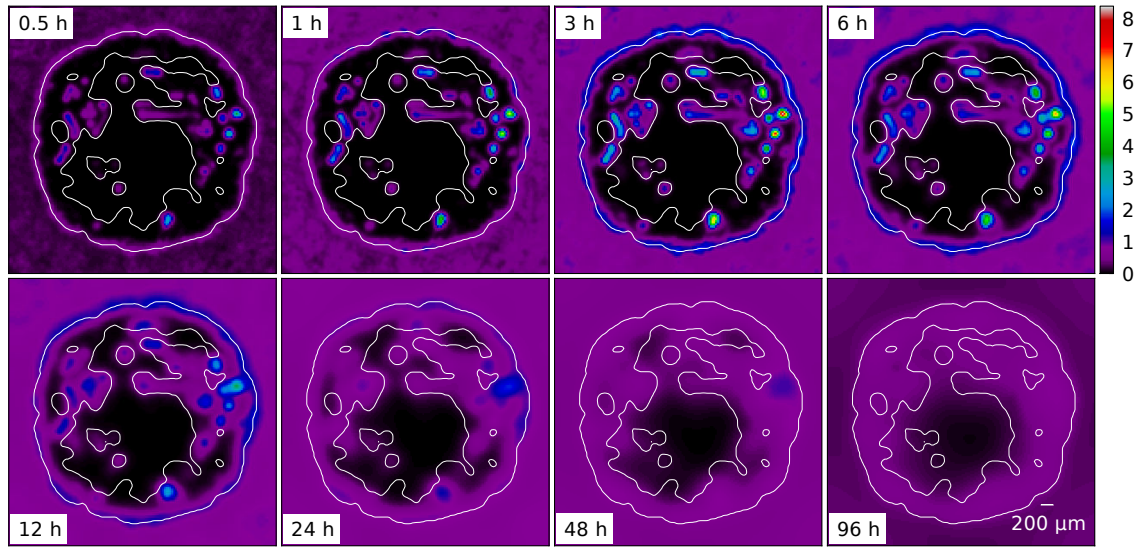

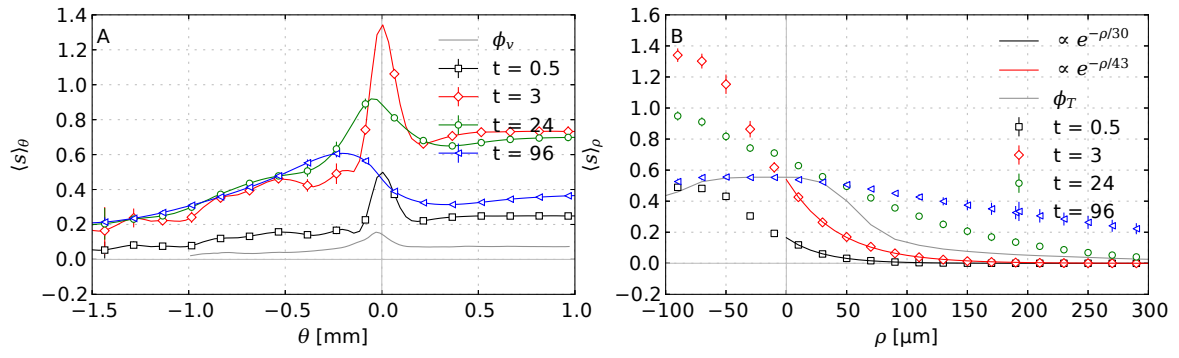Figure 1: **Drug distribution s in a series of snapshots.** Corresponds to Figure 7 in the paper.

Figure 2: **Drug concentration profiles at different times.** (A) plotted vs. θ, and (B) vs. distance from vessels ρ. Corresponds to Figure 8 in the paper.
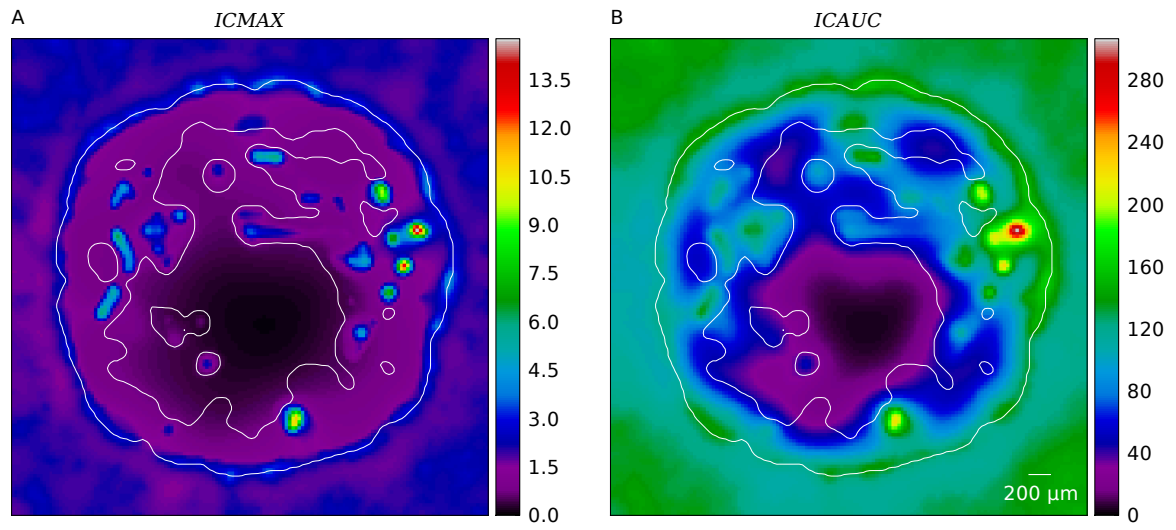
Figure 3: **Spatial distribution of drug exposure metrics.** (A) maximum concentration ICMAX and (B) the AUC ICAUC, taken from a slice through the origin of the system. Corresponds to Figure 9 in the paper.
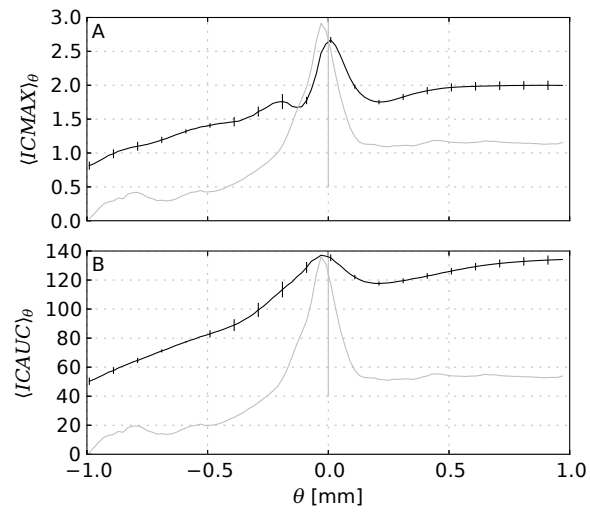
Figure 4: **Drug exposure metrics profiles.** Maximal concentration ICMAX (A) and area under curve ICAUC (B) plotted vs. θ. Corresponds to Figure 10 in the paper.
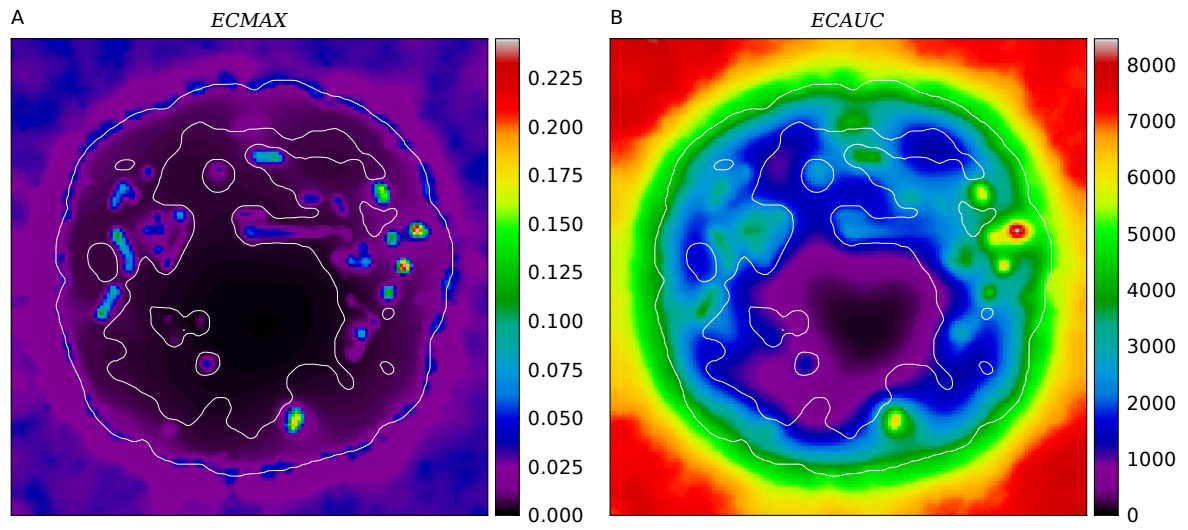
Figure 5: **Maximal concentration (A) and area under curve (B) for the concentration in the interstitial compartment.**
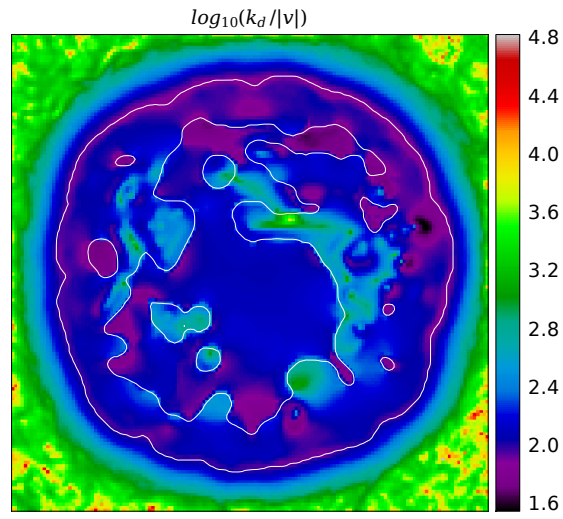
Figure 6: **Logarithmic plot of the length scale** L_{dc}. It is defined by $L_{dc} = k_d/|v|$ following the requirement that the Peclet number equals one, i.e. $1 = Pe = L_{dc}|v|/k_d$. The data is scaled logarithmically.