

Figure 1: Capillary microfluidic device and the double emulsions of various geometries it produces, with swimming bacteria in the middle phase.

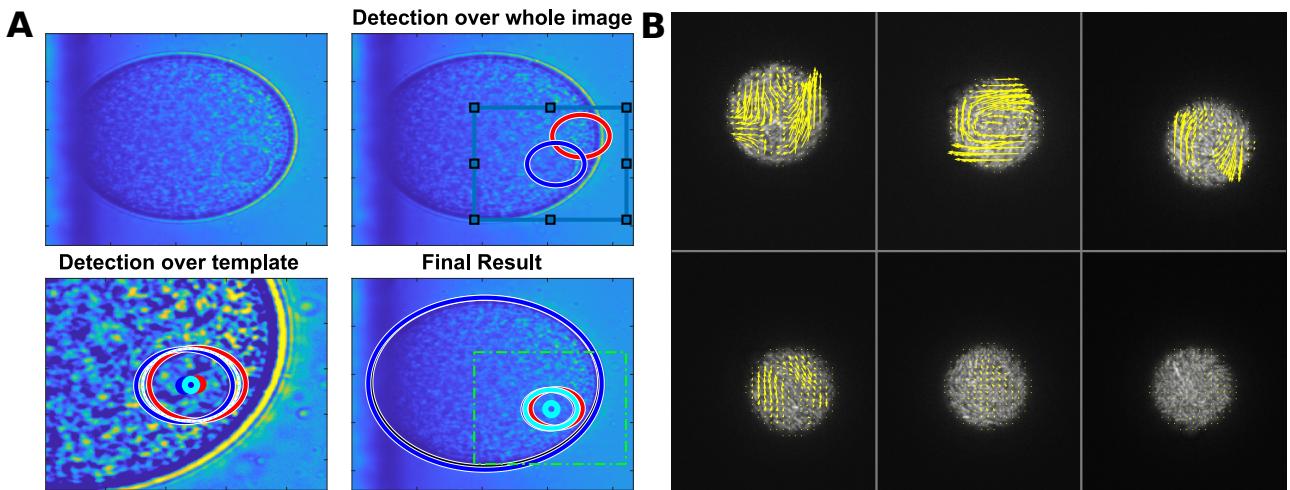


Figure 2: Illustration of image processing techniques: droplet tracking (A) and droplet particle image velocimetry (B).

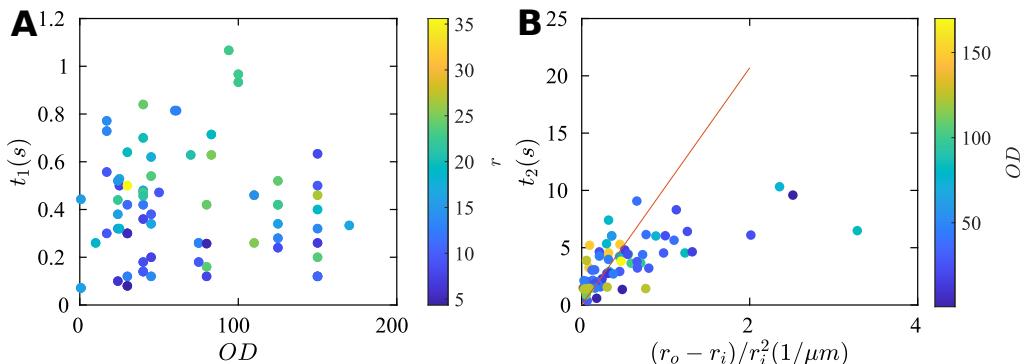


Figure 3: Two time scales measured from double emulsion experiment, plotted as functions of bacterial concentrations (OD) and geometries (outer radius r_o , inner radius r_i and $r = r_o - r_i$).

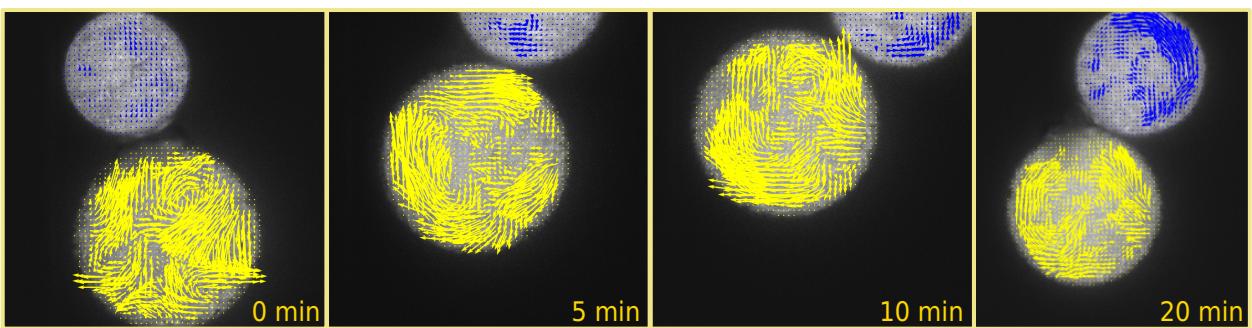


Figure 4: The collective motion in a "frozen" droplet is reactivated by an active droplet.