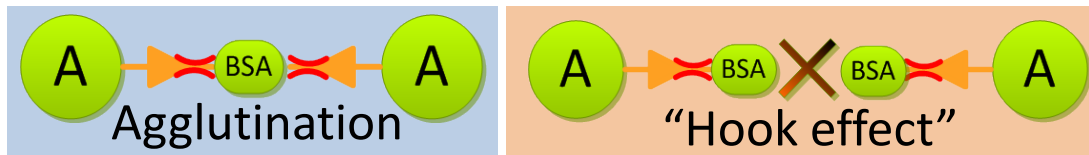
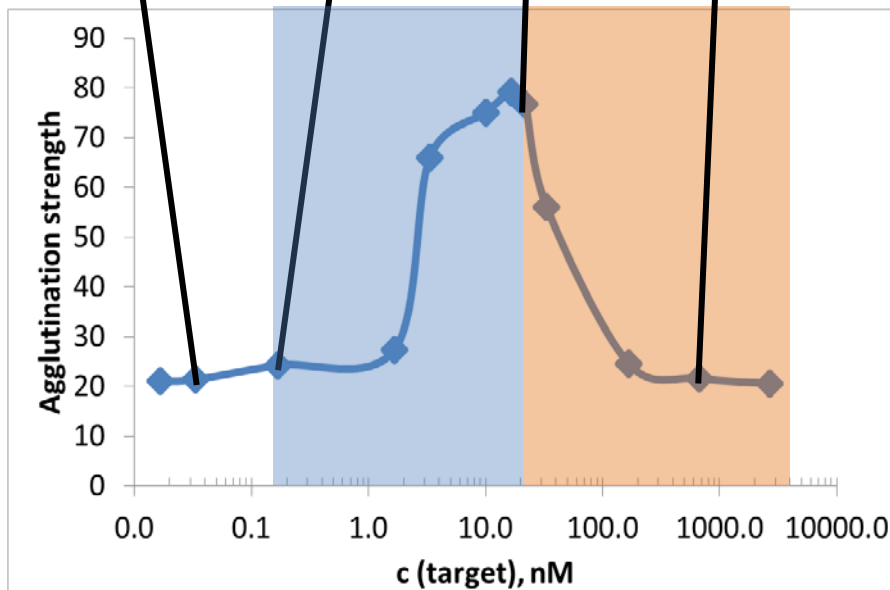
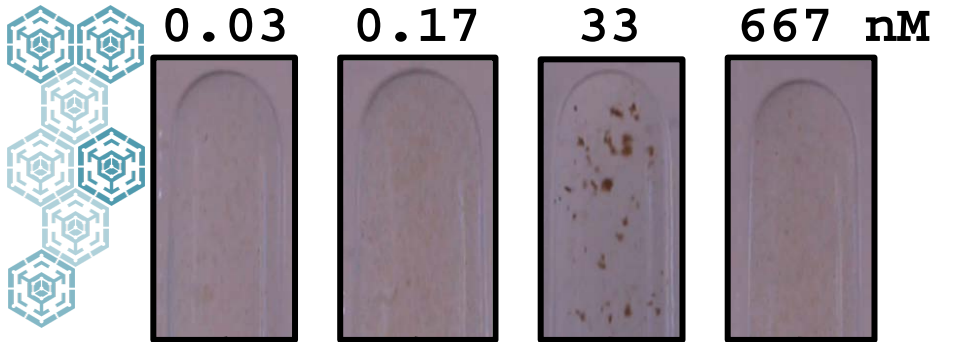


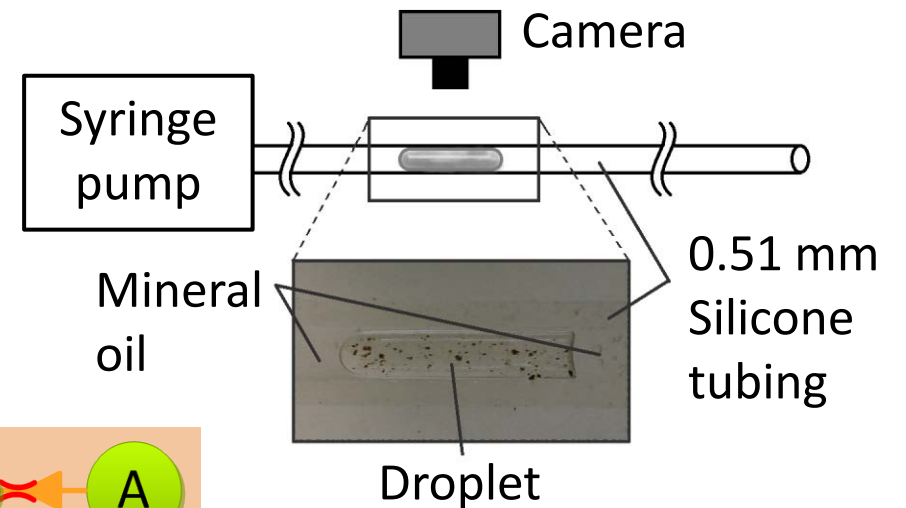
TOWARDS A HIGH THROUGHPUT DROPLET-BASED AGGLUTINATION ASSAY

R. Kodzius, D. Castro, and I.G. Foulds



Detection method based on agglutination

- Droplet size $\sim 1 \mu\text{l}$
- Effective hydrodynamic mixing of functionalized beads and target molecules with flow rate of $150 \mu\text{l}/\text{min}$
- High target concentration blocks the free sites; no agglutination occurs



Poster number T2P30