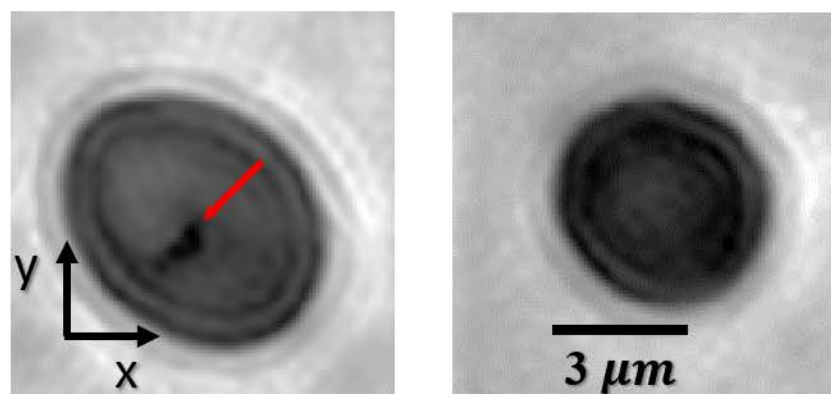
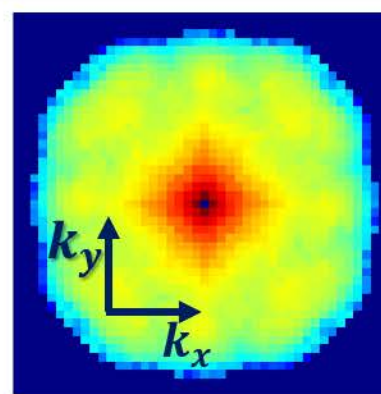


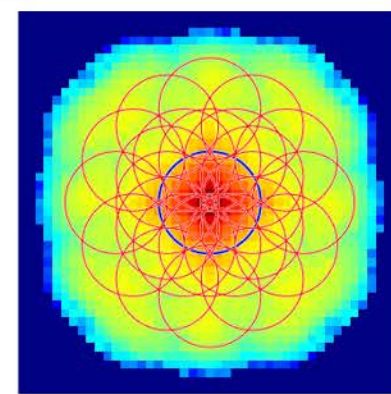
(a) Cell samples (Infected / Not-infected)



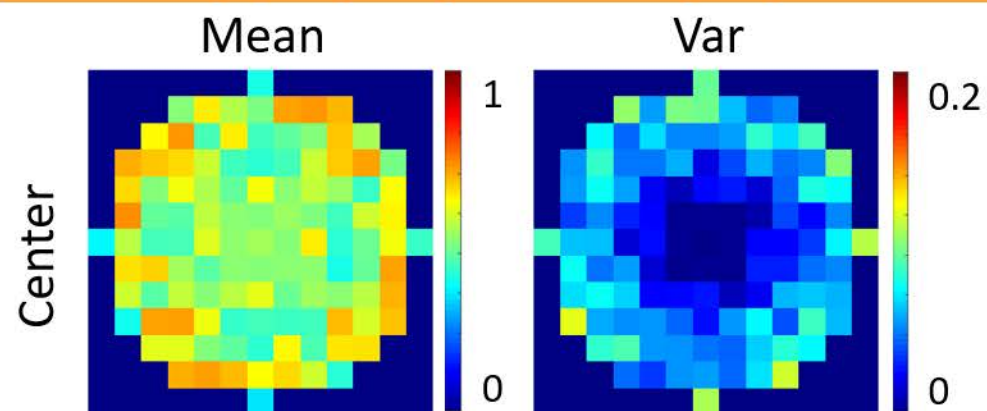
(b) Abs. spectrum diff.



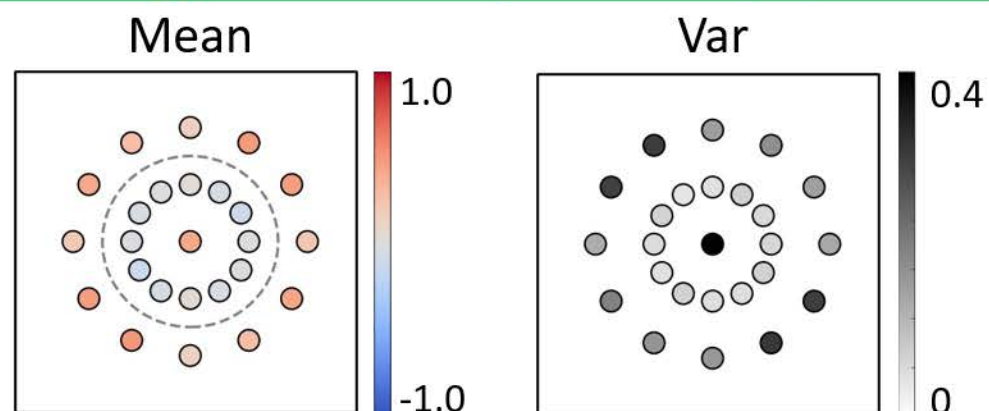
(c) LED sampling pattern



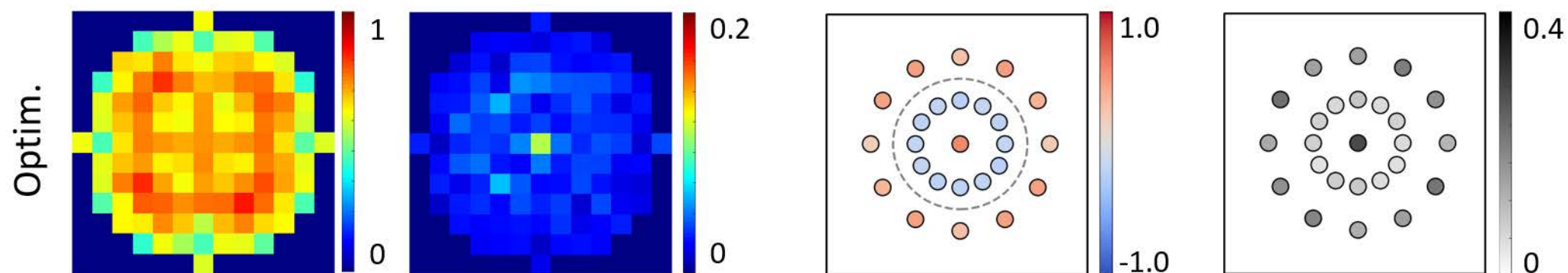
(d) Pupil Optimization (PO)



(e) Illumination Optimization (IO)



(f) Pupil and Illumination Optimization (PIO)



(g) Images formed after physical layers (Infected / Not-infected)

