

Imaging biofilm-encased microorganisms using carbon dots derived from *L. plantarum*

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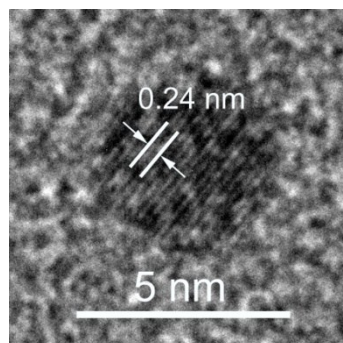


Figure S1 The high-resolution TEM image of CDs-605.

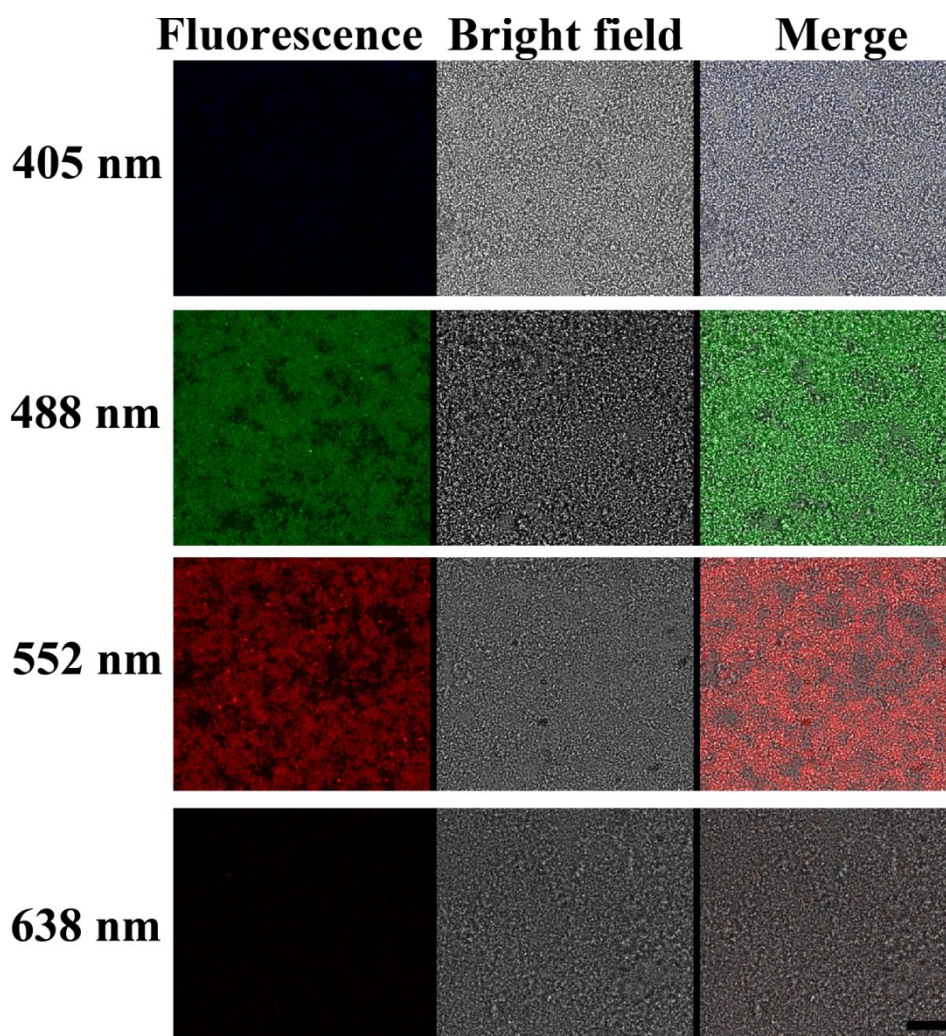


Figure S2 Confocal fluorescence images of *E. coli* biofilm with different excitation lengths. *E. coli* biofilm grown on day5 was stained with CDs-605 and was checked in all four channels with different colors including blue, green and red when excited at 405, 488, 552 and 638 nm.