

Title: Strategic approach of multifaceted antibacterial mechanism of limonene traced in *Escherichia coli*

Running Title: Antibacterial mechanism of Limonene

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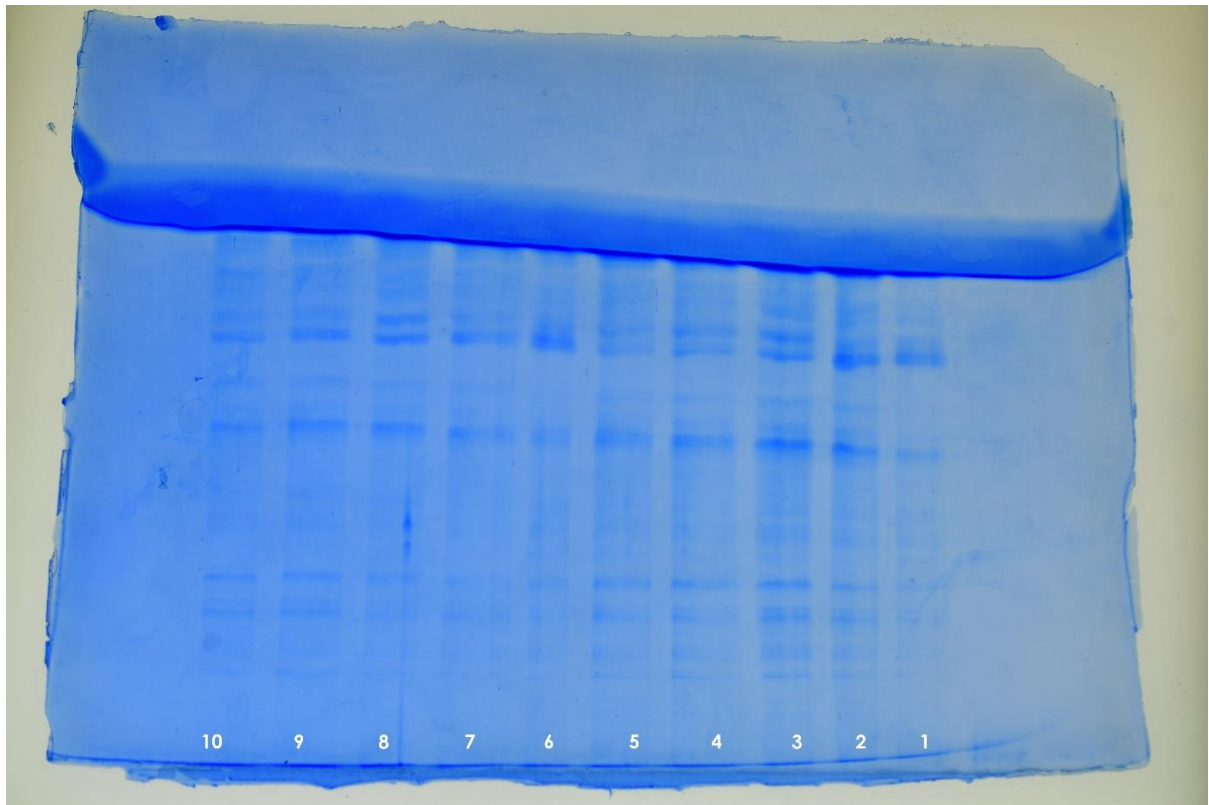


Figure 6 original

Fig 6: SDS-PAGE of proteins released from *Escherichia coli* into supernatant on treatment with limonene at 1X MIC and 2X MIC concentration

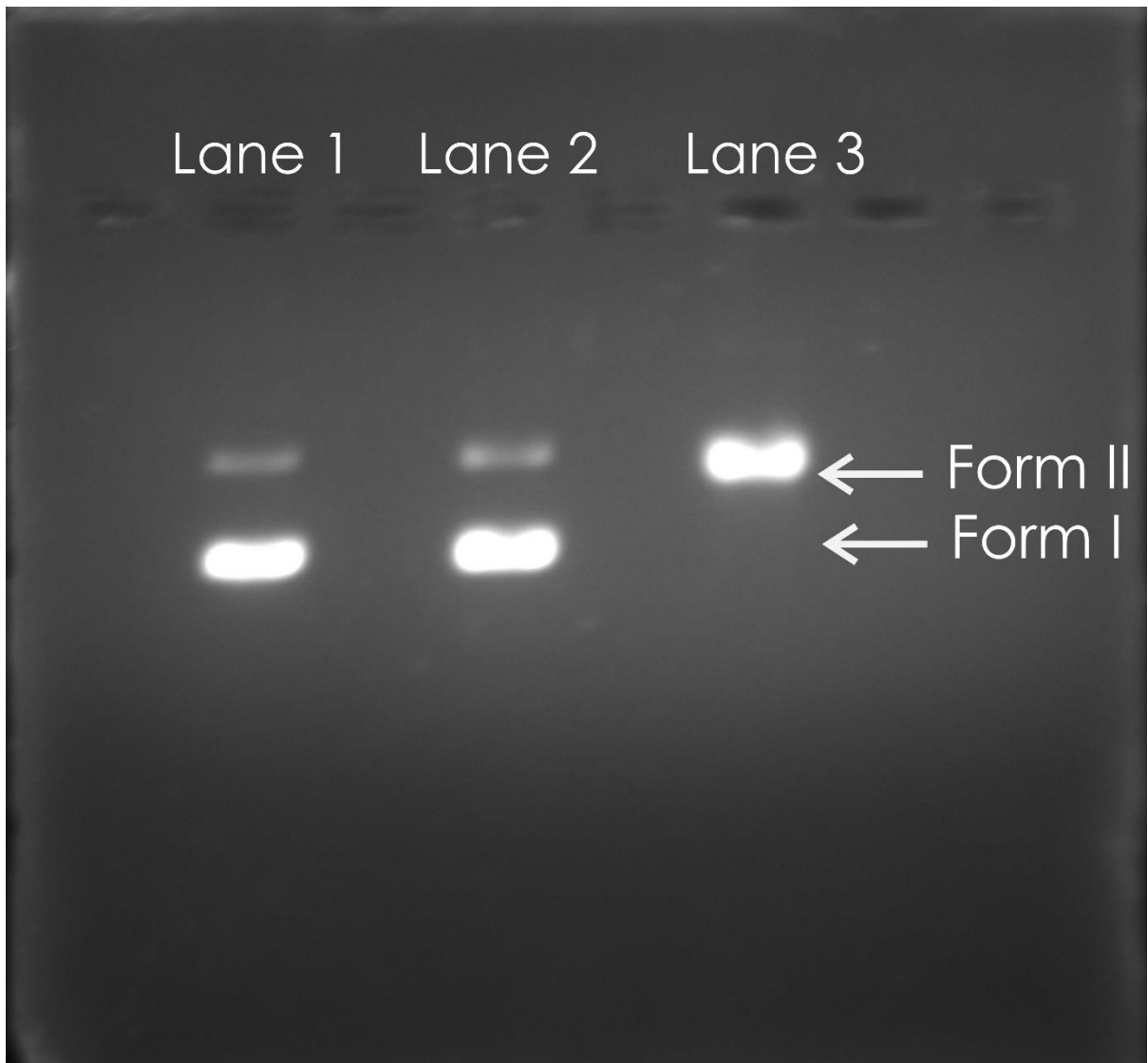


Figure 8 labelled

Fig. 8. Modification of gel electrophoretic mobility of pUC19 plasmid DNA after treatment with Limonene. Lane 1- Negative control, Lane 2- Pure plasmid, Lane 3- Limonene (1X MIC)

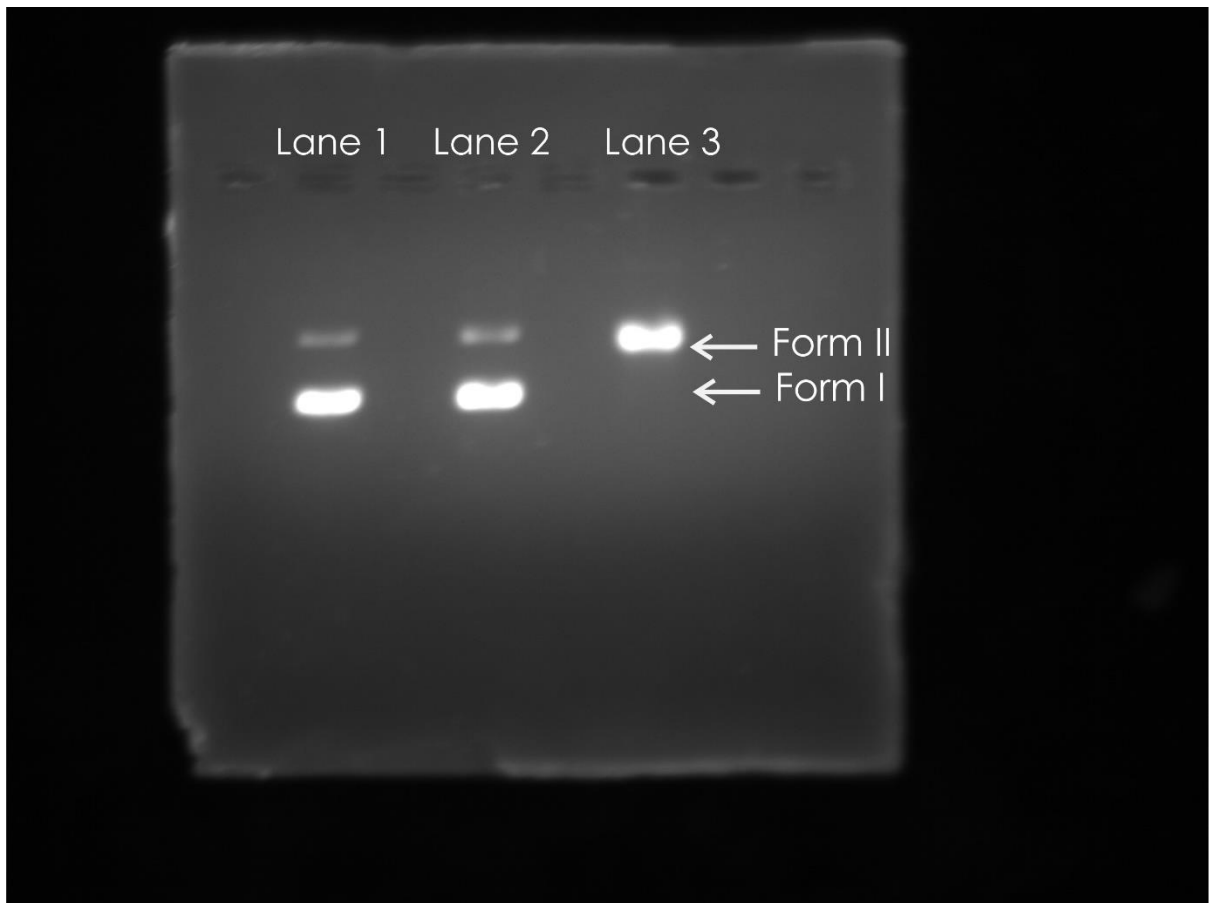


Figure 8 original

Fig. 8. Modification of gel electrophoretic mobility of pUC19 plasmid DNA after treatment with Limonene. Lane 1- Negative control, Lane 2- Pure plasmid, Lane 3- Limonene (1X MIC)

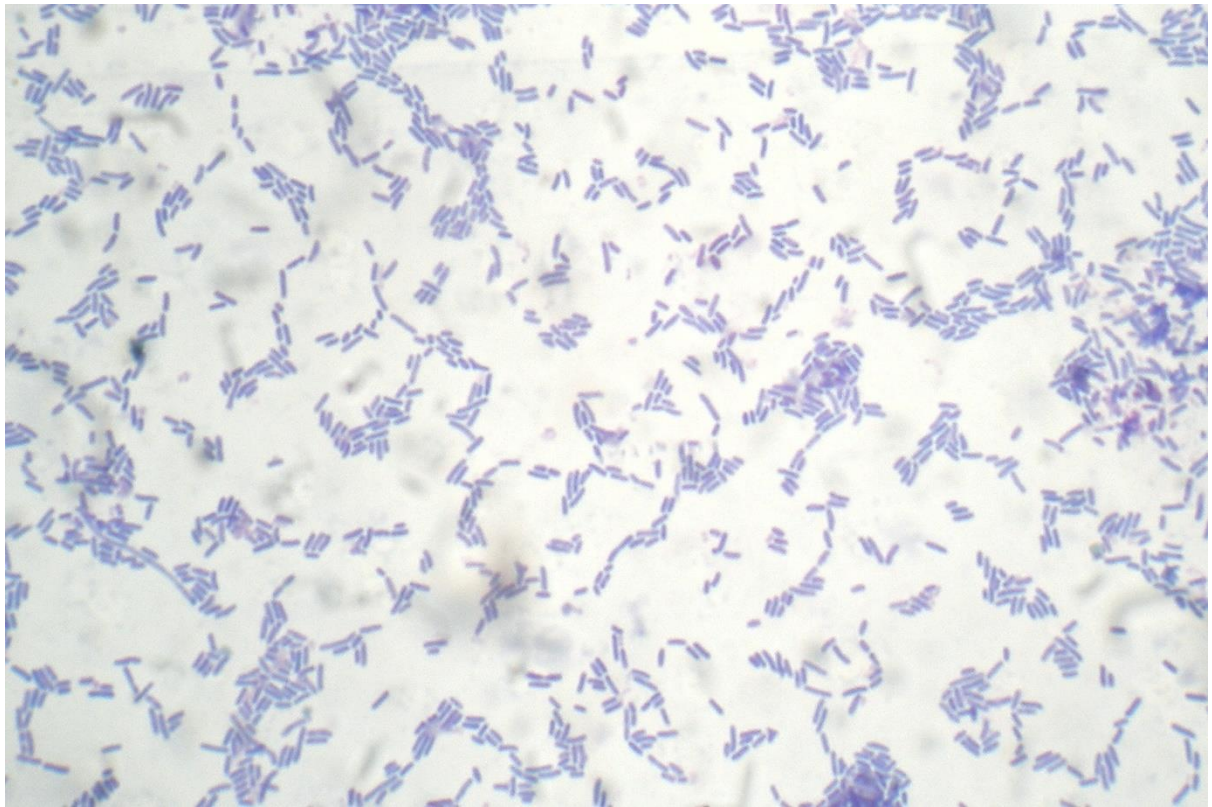


Figure 9a control untreated

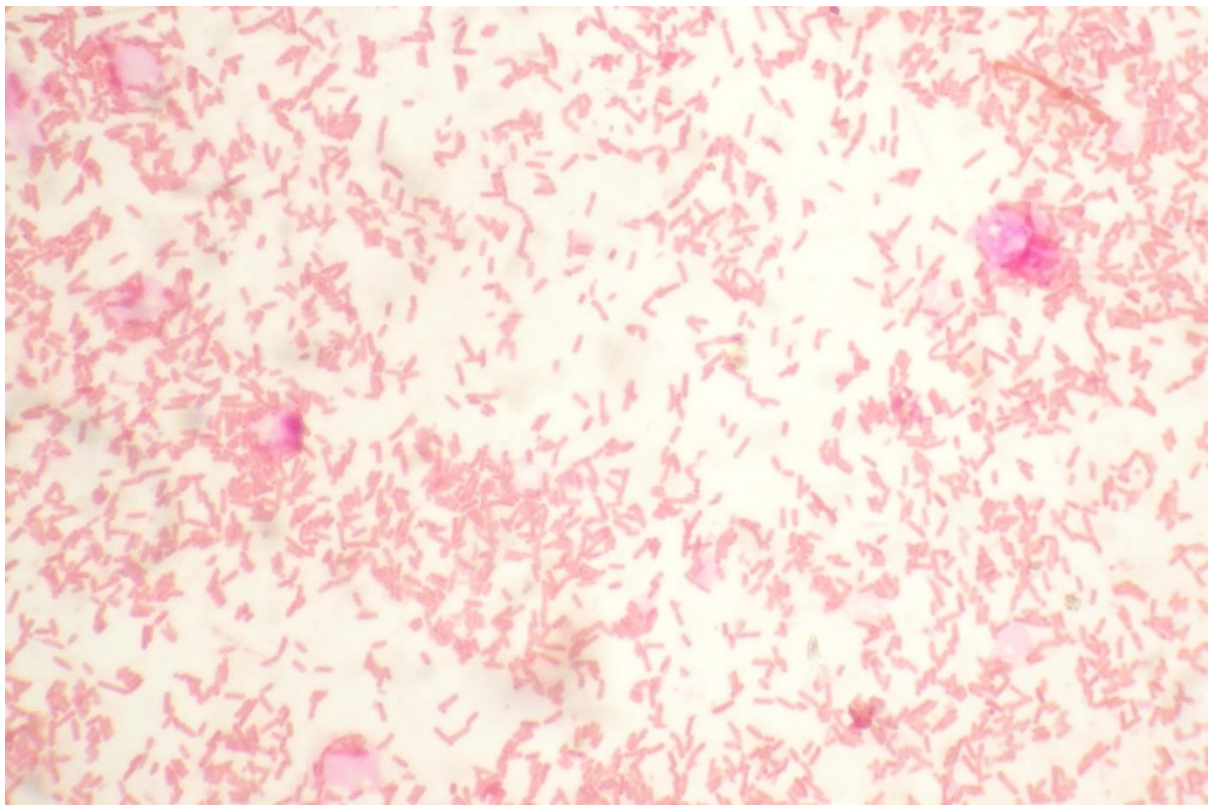


Figure 9b limonene treated

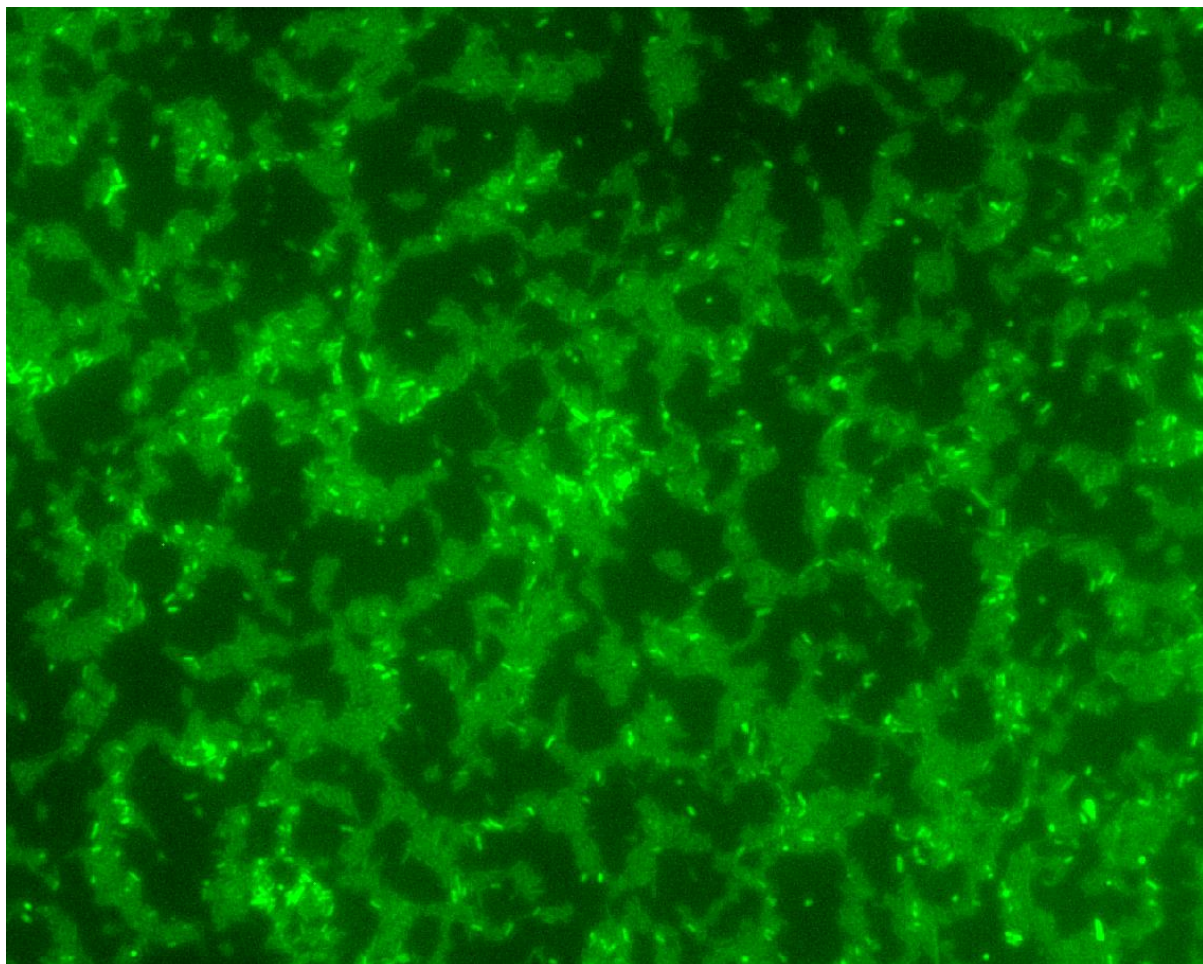


Figure 9c Untreated control

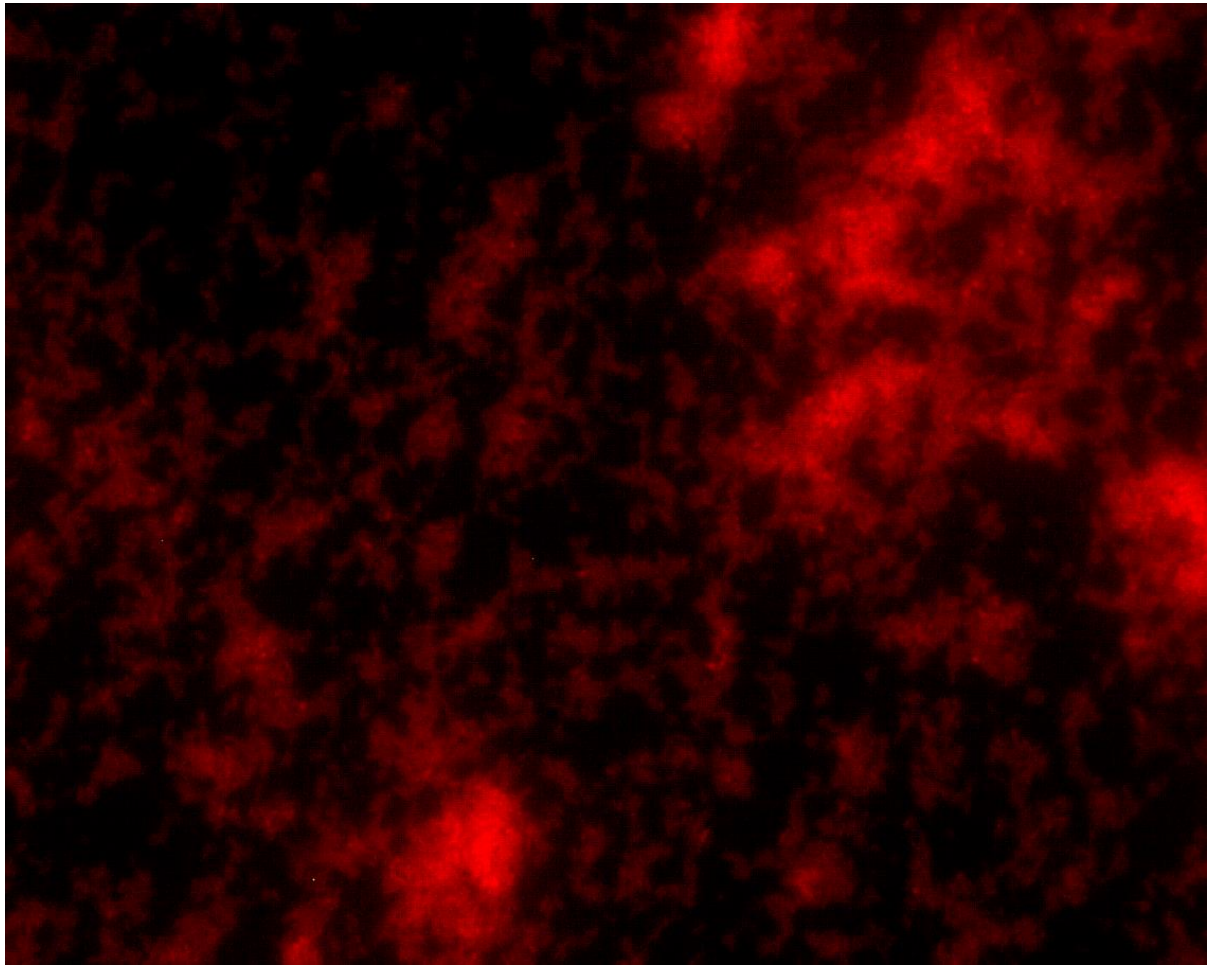


Figure 9d limonene Treated

Fig 9. Micrographs of untreated control and limonene treated (1XMIC) *E. coli* cells using Compound microscopy (a and b) fluorescent microscopy (c and d)