Simultaneous Raman and Infrared spectroscopy: a novel combination for studying bacterial infections at the single cell level

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Results and discussion

Infrared spectroscopy

Figure S1. Average FTIR (red), O-PTIR/bulk (green), and O-PTIR/single cells (blue) spectra (left) and their second derivatives (right) collected from one strain of each bacterial species analysed in this study. The plots are offset for clarity. Key bands (in cm⁻¹) are highlighted.
Figure S2. Average Raman spectra collected from single bacterial cells from the two strains of *S. pyogenes* and *E. faecalis*. Plots are offset for clarity.