Electronic Supplementary Information

Surface self-concentrating and contact-killing antibacterial coating with anti-fog capacity

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Figure S1. The $^1$H-NMR spectrum of DMEAMA-HB(QAC).

Attenuated total reflectance Fourier transform infrared (ATR-FTIR): 2845–2920 cm$^{-1}$ (saturated C–H stretching vibration), 1720.5 cm$^{-1}$ (C=O stretching vibration),
1634.8 cm\(^{-1}\) (C=C stretching vibration), 720.9 cm\(^{-1}\) (CH\(_2\))\(_n\) > 4 rocking vibration.

Figure S2. The FTIR spectra of DMEA and DMEAMA-HB(QAC)