Supporting Information

The role of E. coli-secretion and Melamine in Selective Formation of CaC2O4•H2O and CaC2O4•2H2O Crystals

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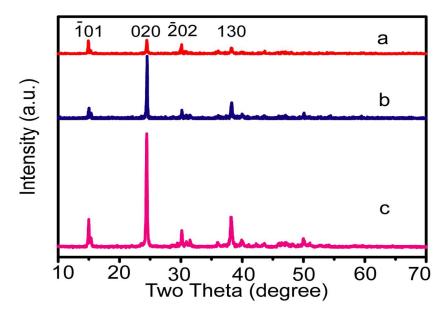


Figure S1. XRD images of CaOxa precipitates obtained in aqueous solution (a-c), with

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different $[Ca^{2+}]/[C_2O_4^{2-}]$ ratios at 1/20, 1 and 20, respectively.

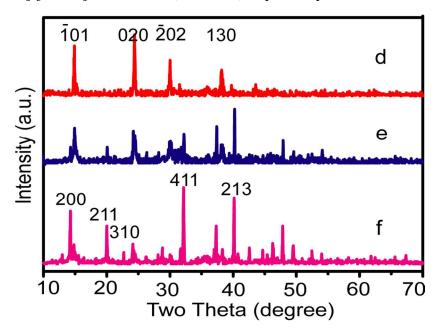


Figure S2. XRD images of CaOxa precipitates obtained (d-f) in 10 ml E. coli secretion with different $[Ca^{2+}]/[C_2O_4^{2-}]$ ratios at 1/20, 1 and 20, respectively.

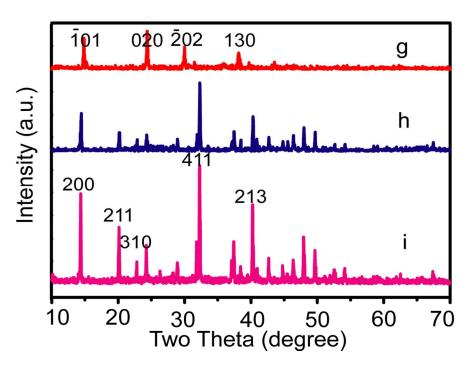


Figure S3. XRD images of CaOxa precipitates obtained in 10ml LB medium (g-i), with

different $[Ca^{2+}]/[C_2O_4^{2-}]$ ratios at 1/20, 1 and 20, respectively.

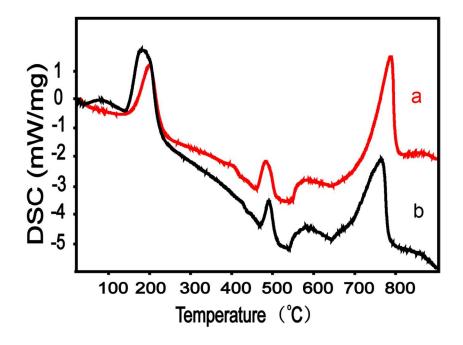


Figure S4. DSC curves of COM (a) and COD (b) under air sweeping

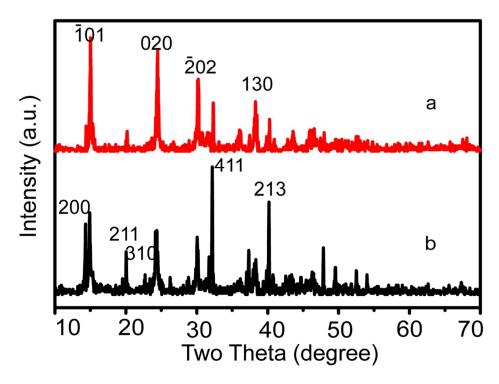


Figure S5. XRD images of samples without (a) and with (b) E. coli secretion under

artificial urine circumstance.

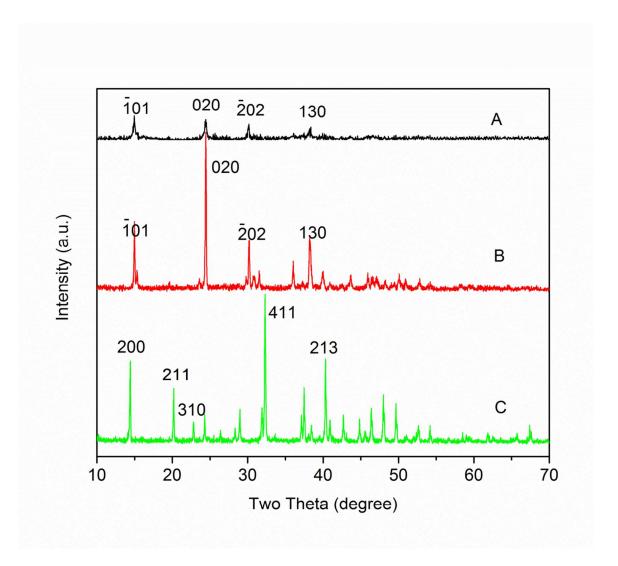


Figure S6. XRD images of CaOxa precipitates obtained with $[Ca^{2+}]/[C_2O_4^{2-}]$ ratios 1:1 in three systems: (A) with *E. coli precipitate*; (B) with 10 ml *E. coli solution*; (C) with 10ml *E. coli*-secretion.