

Supporting Information

Growth of 2,2-biimidazole based Nanorods on Mica Substrate

Figure S1

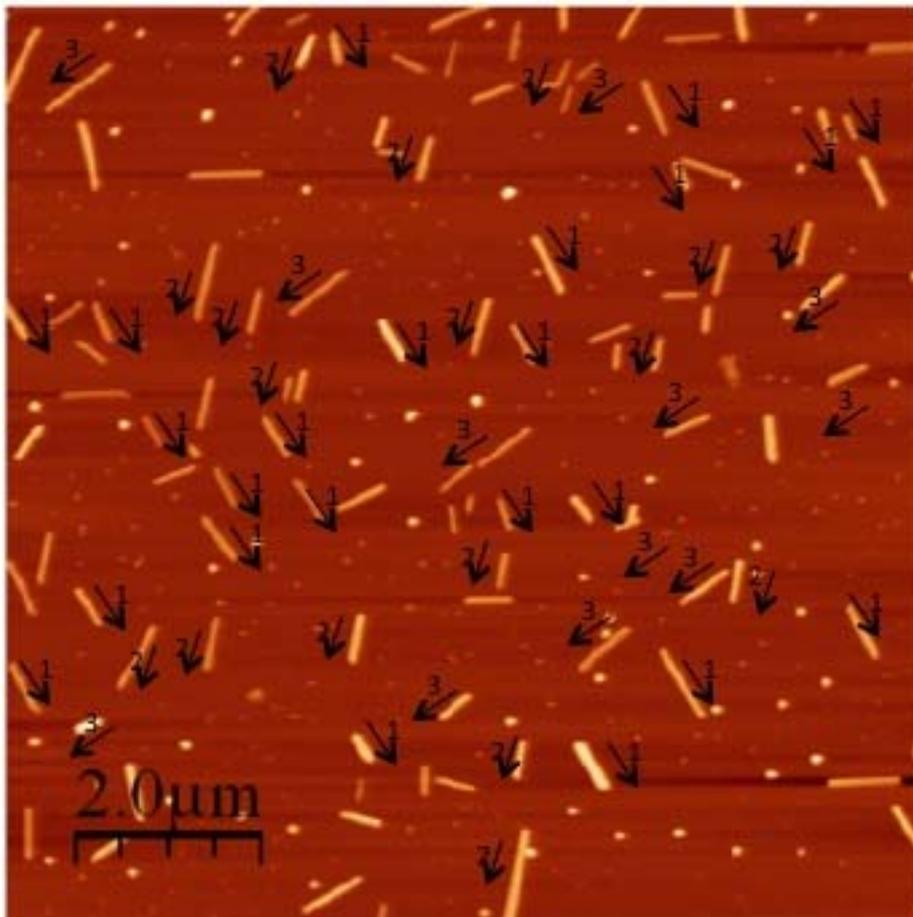


Figure S1. AFM topography image showing the orientation of the nanorods. The nanorods are oriented in three preponderant direction marked by 1,2,and 3.

Figure S2

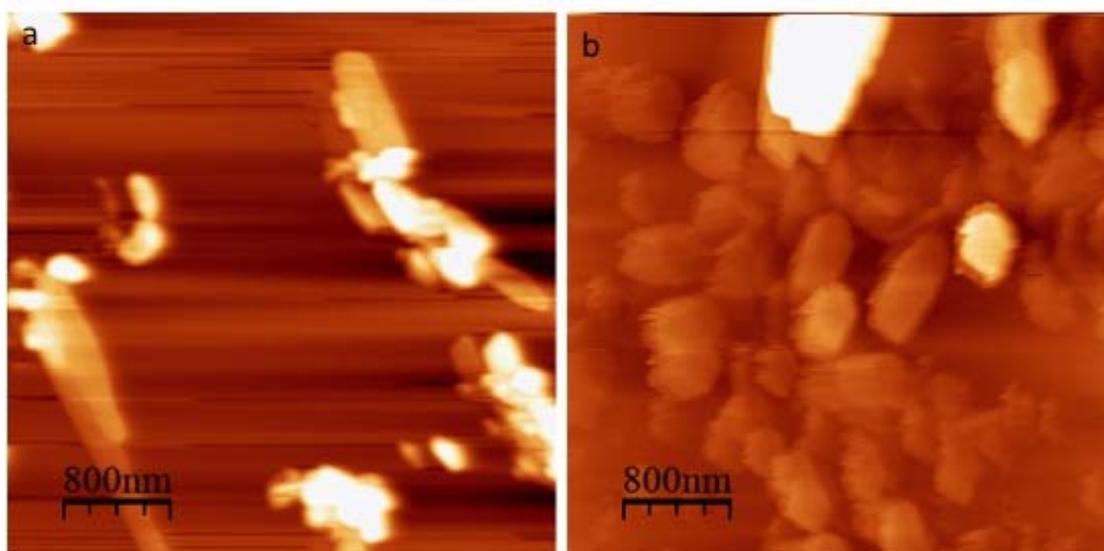


Figure S2. AFM topography images of non-homogeneous three dimensional aggregates on annealed Mica (a) and Silicon dioxide (b). No nanorods are observed.

Figure S3

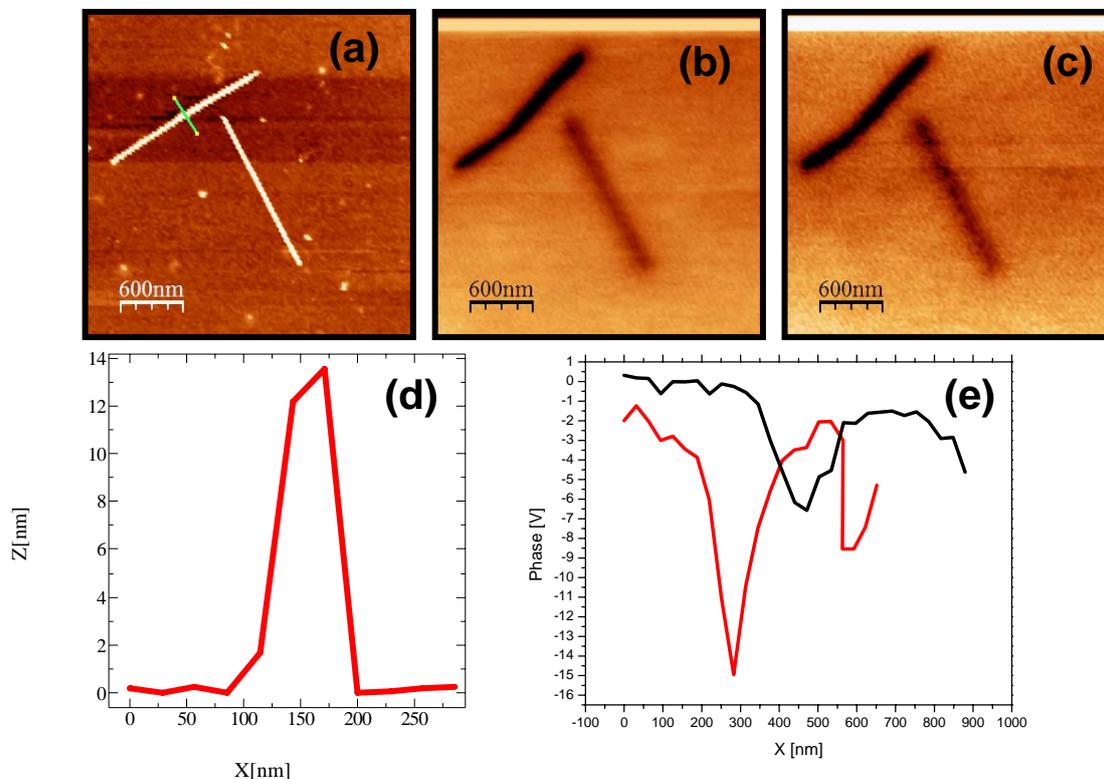


Figure S3: AFM and EFM imaging of CNT with (a) Topography of CNT (b) EFM imaging with a +5 V bias applied to the tip. (c) EFM imaging with -5 V bias applied to the tip (d) Diagram showing the cross section for height measurement. (e) Cross sections showing the intensity of the EFM signal through phase imaging in volts for CNT molecules shown in (b) and (c).