Shape change of biogenic elemental selenium nanoparticles from nanospheres to nanorods decreases their colloidal stability

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gure S1. (a) SEM and (b) TEM of purified BioSe-Nanorods after 120 h of incubation. SAED patterns of the purified, (c) single-crystalline BioSe-Nanorod (inset) and (d) multiple CheSe-

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Nanorods (inset) and their corresponding (e) XRD patterns. (f) Diameter distribution of BioSe-Nanorods based on SEM images.



Figure S2. Energy-disperse X-ray spectra obtained in the SEM during the formation of BioSe-Nanorods after incubation of 18 h, 24 h, 39 h, 48 h and 120 as well as of CheSe-Nanorods.