La(OH)$_3$:Eu$^{3+}$ and La$_2$O$_3$:Eu$^{3+}$ nanorod bundles: Growth mechanism and luminescent properties

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Fig. S1. FE-SEM images of the as-prepared La(OH)$_3$:0.05Eu$^{3+}$ samples at different molar ratios of HMTA/La(NO$_3$)$_3$ (a & b) (0.5:1), (c & d) (1:1), (e & f) (1.5:1) for low- and high-magnification images, respectively.
Fig. S2. XRD patterns of La$_2$O$_3$:Eu$^{3+}$ 3D flower-like nanorod bundles as a function of Eu$^{3+}$ ion concentration.