Hierarchical carbon nanotube assemblies created by sugar-boric or boronic acid interactions

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Supplementary Information

Fig. S1. SEM images of c-SWNTs/1 composites. The surface is shielded with platin.

Fig. S2. TEM image of (a) c-SWNTs/s-curdlan composite with 1, (b) t-SPG with 1.

Fig. S3. TEM images of (a) c-SWNTs/2a composites, (b) c-SWNTs/2b composites.
Fig. S4. (a) TEM image of c-SWNTs/s-SPG with 3a, (b) HR-TEM image of c-SWNTs/s-SPG with 3a and (c) elemental analysis of the sheet-like morphology on EDX (the peak of C was filtered). The Cu or Si peaks are due to the TEM grid.
Fig. S5. Raman spectra of the c-SWNTs/s-SPG complex with 1(a) or with 3a(b).

Fig. S6. (a) Absorption, (b) CD and (c) fluorescence spectra ($\lambda_{ex} = 390$ nm) of 3a with the c-SWNTs/s-SPG composite (solid line) and 3a without the c-SWNTs/s-SPG composite (dashed line).

Fig. S7. Photographs of Polarized optical microscopy: (left) c-SWNT/3a composites without polarizer (right) c-SWNT/3a composites with polarizer.