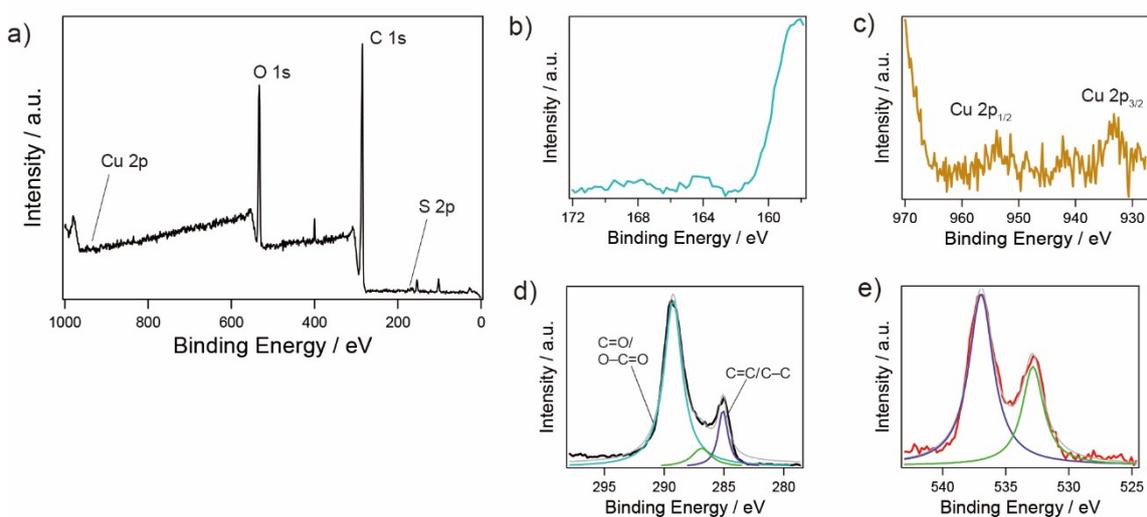


Supporting Information for

Copper Sulfide Nanoribbon Growth Triggered by Carbon Nanotube Aggregation via Dialysis

XPS characterization of a sample after dialysis.



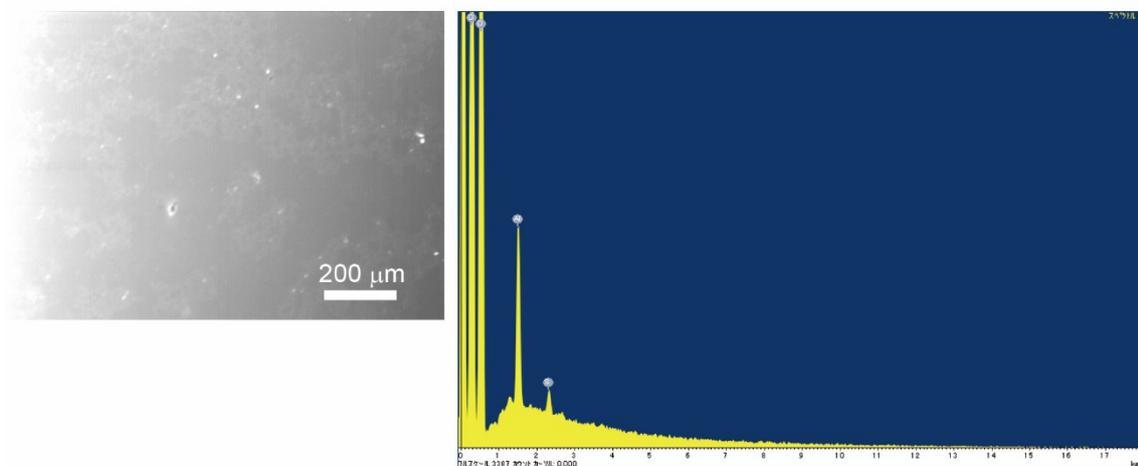
12

13 **Figure S1.** (a) XPS analysis and high resolution XPS spectrum of (b) S 2p, (c) Cu 2p, (d) C 1s and
14 (e) O 1s for a sample obtained after dialysis. The obtained C-O peak in the XPS data is understood to
15 be derived from the defect of SWCNTs or unremoved thermoresponsive polymer, the residues of the
16 sample.

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1 **SEM image and EDS measurement of a dialysis tube.**



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3 **Figure S2.** SEM and EDS of the inside of a dialysis tube and a Visking membrane (MWCO: 3,500,
4 cellulose tube). The EDS peak appearing at 2.3 keV corresponds to S $K\alpha$. The peak attributed to Al
5 is background due to the base material used.

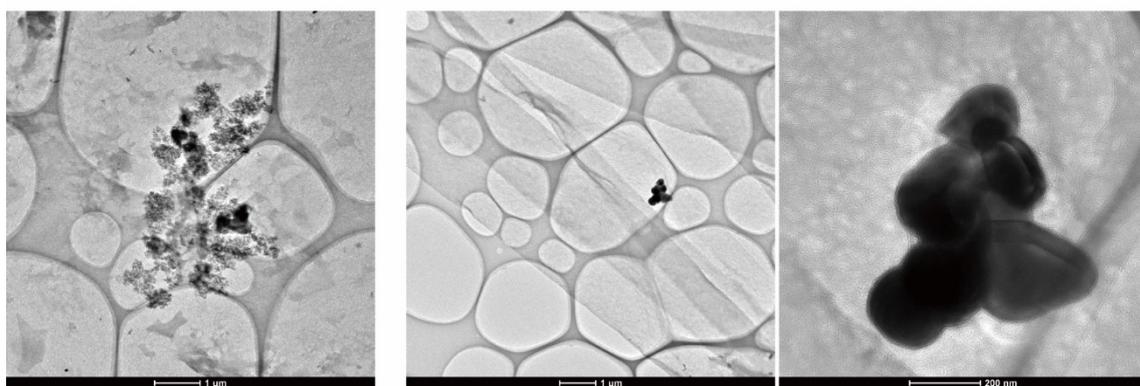
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9 **TEM images of samples after dialysis for with a pretreated dialysis tube.**

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12 **Figure S3.** TEM images of samples after dialysis for 48 h with a pretreated dialysis tube
13 (Spectra/Por®7 Biotech RC Tubing, MWCO: 3.5-5 kD).

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