

Supporting Information

for

Oriented attachment explains cobalt ferrite nanoparticle growth in bioinspired syntheses

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EELS spectra

The EELS spectra which were used to determine the composition of the nanoparticles are displayed in Figures S1–S3. The solid lines indicate the spectrum as recorded. The signals which were used for the quantitative analysis are shown as gray areas in the Figures. For convenience, the EELS edges are labeled with the corresponding elemental symbols. The quantified EELS measurement of the cobalt ferrite particles after 5 minutes is given in Figure S1 while the quantified EELS measurement of the cobalt ferrite particles after 1 day is given in Figure S2. Figure S3 shows the quantified EELS measurement of the cobalt ferrite particles after 2 days.

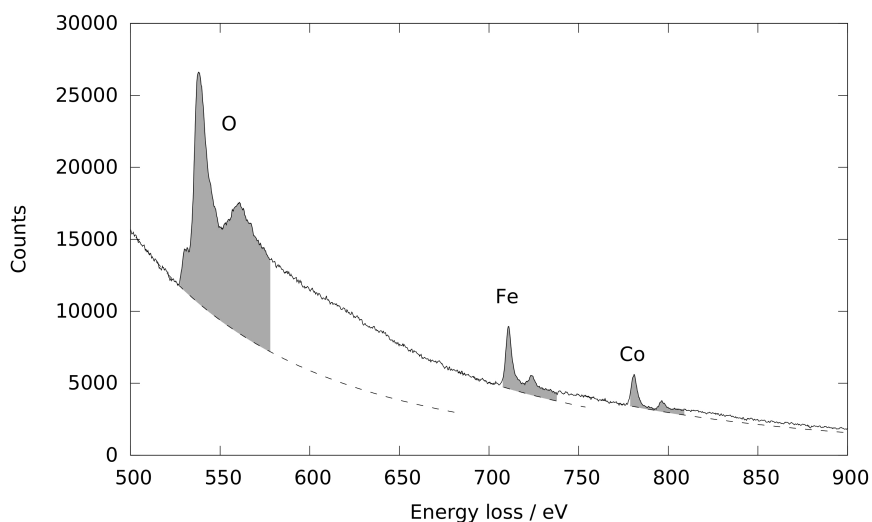


Figure S1: EELS measurement of the cobalt ferrite particles after 5 minutes. An exposure time of 20 seconds was used for the measurement.

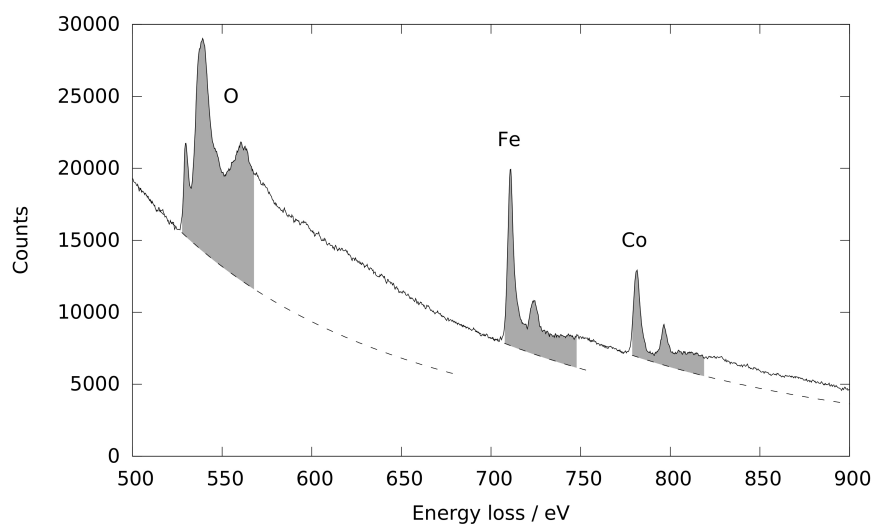


Figure S2: EELS measurement of the cobalt ferrite particles after 1 day. An exposure time of 10 seconds was used for the measurement.

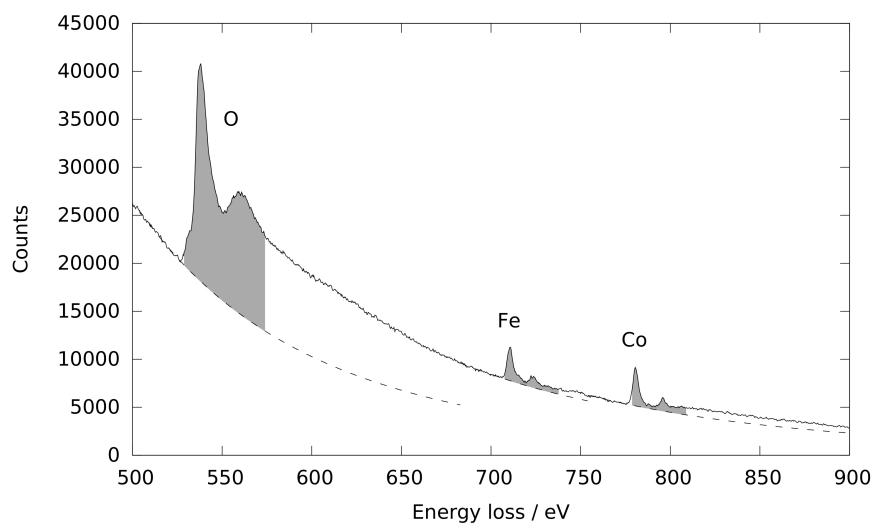


Figure S3: EELS measurement of the cobalt ferrite particles after 2 days. An exposure time of 15 seconds was used for the measurement.