

## **Supporting Information**

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## Supplementary Information for "Electrochemical Modification of Multiwalled Carbon Nanotubes: Nanoplugs of Molybdenum Dioxide – New Chemical Nanoarchitectures"

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**Supplementary Figures.** Below is a gallery of images of MoO<sub>2</sub> deposited at edge-plane-like defect sites on the MWCNTs. The figures on the left are conventional secondary electron SEM images. The figures on the right are the corresponding backscattered electron SEM images showing elemental contrast. Molybdenum shows up as brighter regions on the carbon background. Note that due to slight charging caused by the large electron beam energies required for backscattered electron imaging there may be some image drift between secondary and backscattered images of the same area.









