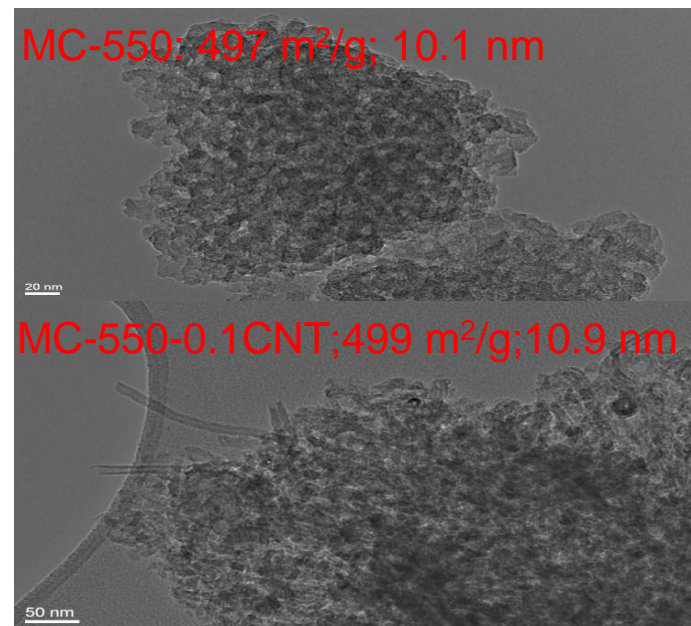
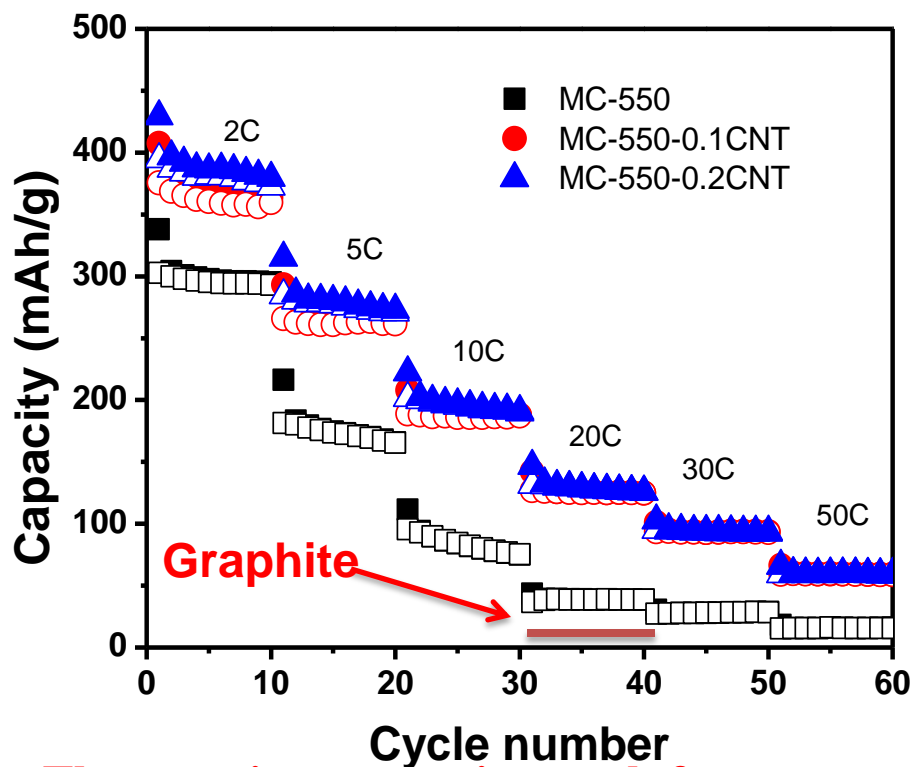
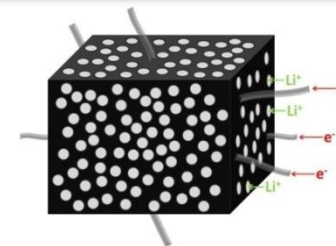


# Improve storage capacity and rate capability via 3D self-assembly of CNTs and mesoporous hard carbons

- Enhance electronic conductivity via co-assembly through CNTs
- Solve the paradox related to **capacity** and **conductivity** in hard Carbon for Li storage

Endo et al, *Science*, 264, 6556 (1994).



- The superior properties result from synergistic effects between both carbon components, i.e. the excellent electronic conductivity of MWNTs and the fast charge transfer kinetics provided by the MCs with nanometer thick pore walls.