

## Supplementary Material

### Strategies to hierarchical porosity in carbon nanofiber webs for electrochemical applications

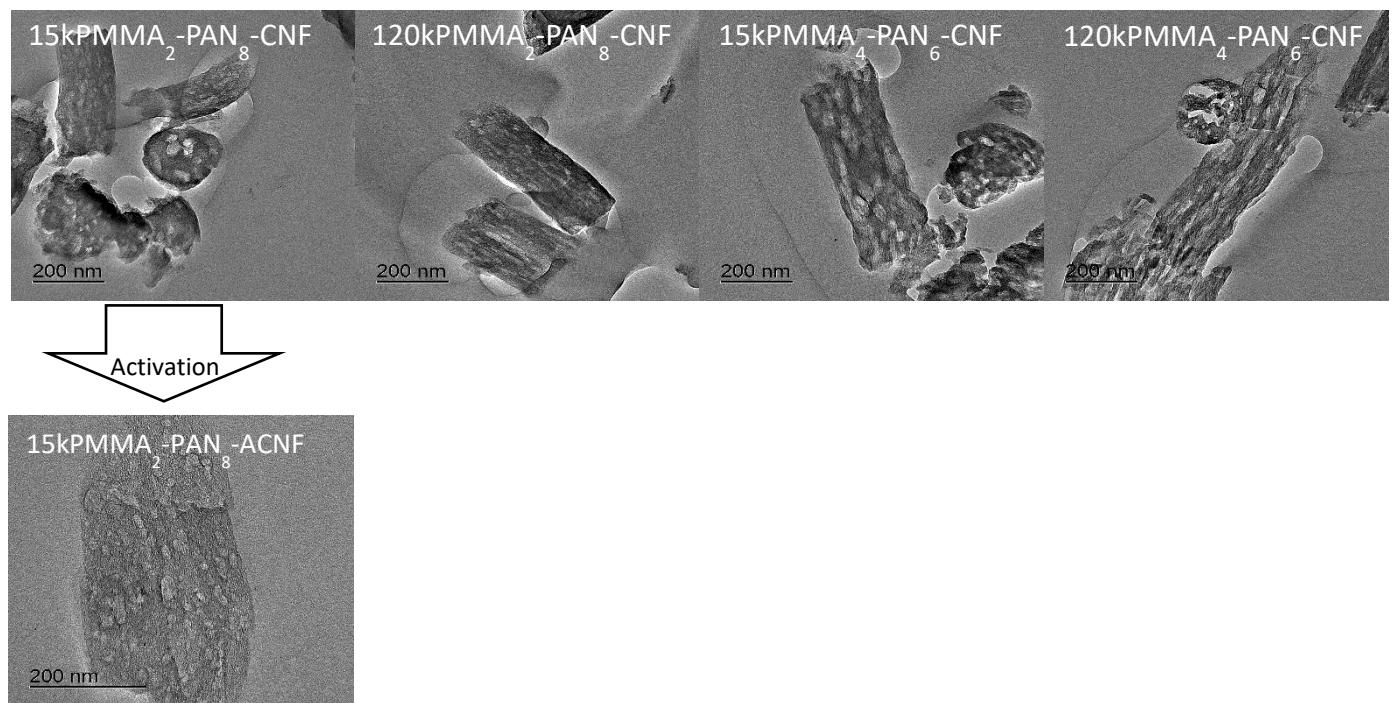


Figure S1. TEM micrographs of PAN CNFs prepared from PAN and PMMA after carbonization and activation.

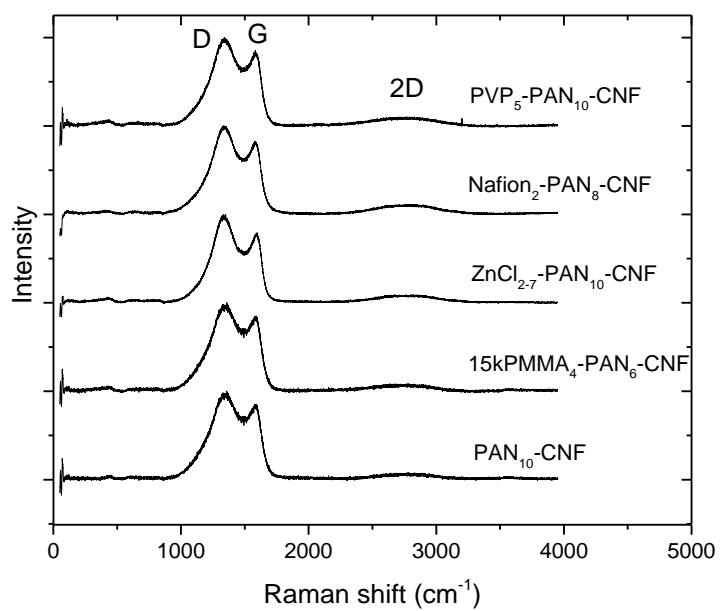


Figure S2. Raman spectra of template based CNFs after carbonization.

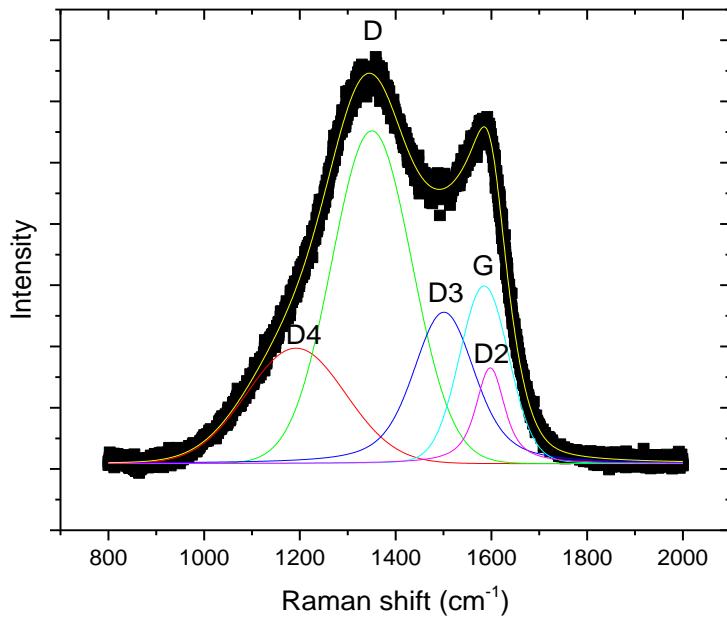


Figure S3. Example of deconvolution of a Raman spectrum of CNFs (PAN<sub>10</sub>-CNF) by using Gaussian and Lorentzian curves (Voigt).

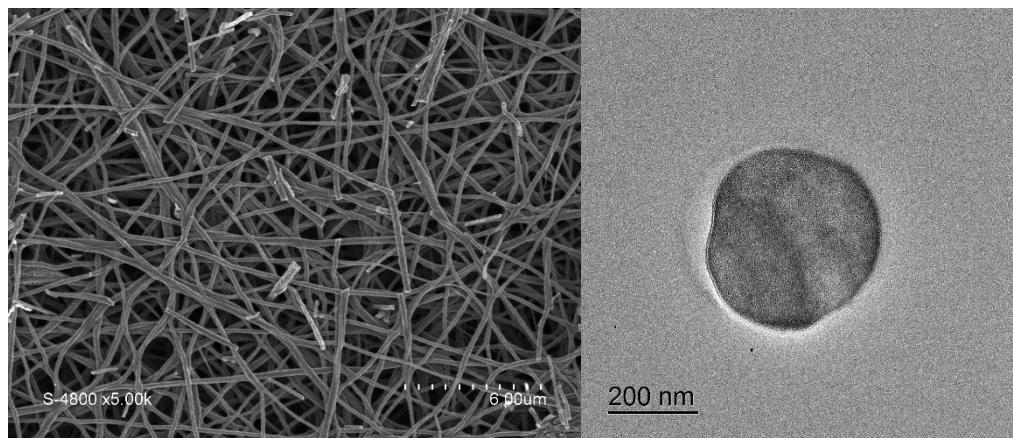


Figure S4. FE-SEM (left side) and cross-section TEM (right side) micrographs of  $\text{PAN}_{10}$ -ACNF fibers.

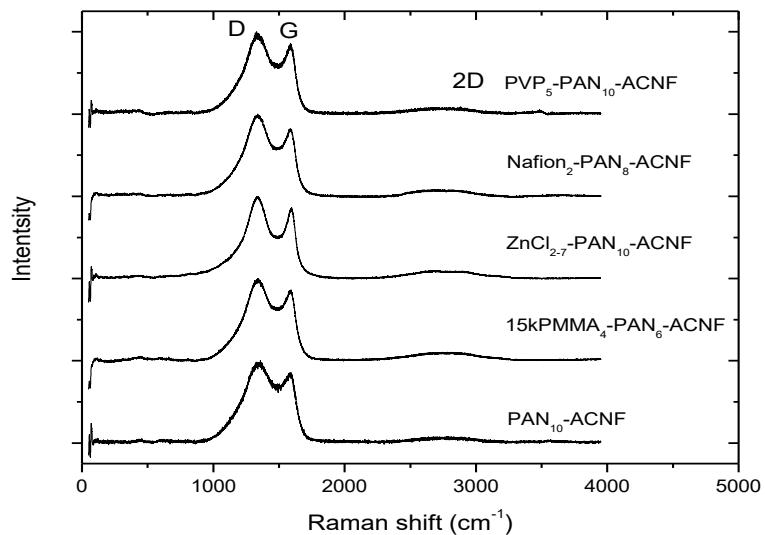


Figure S5. Raman spectra of template based CNFs after activation.