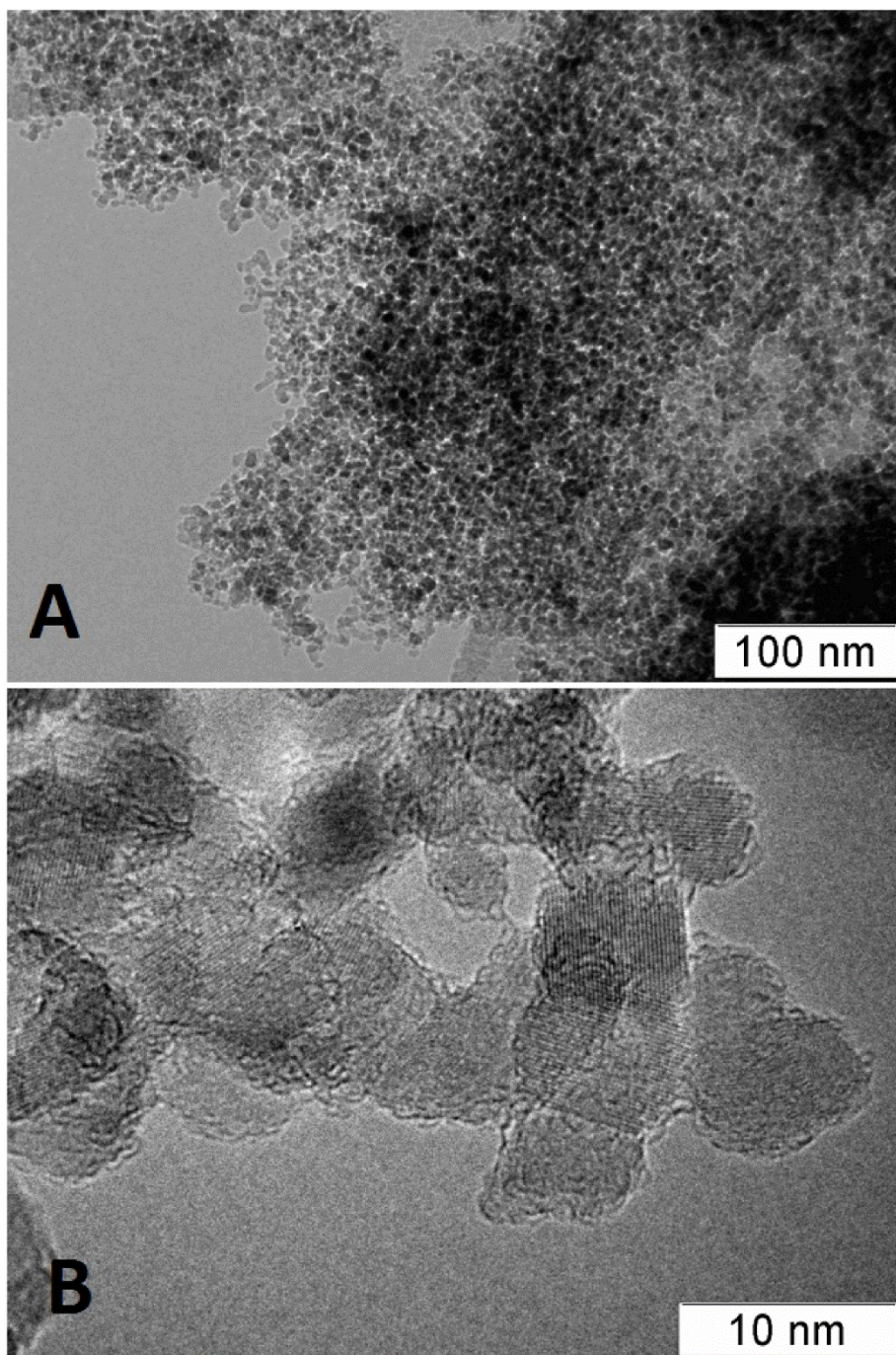
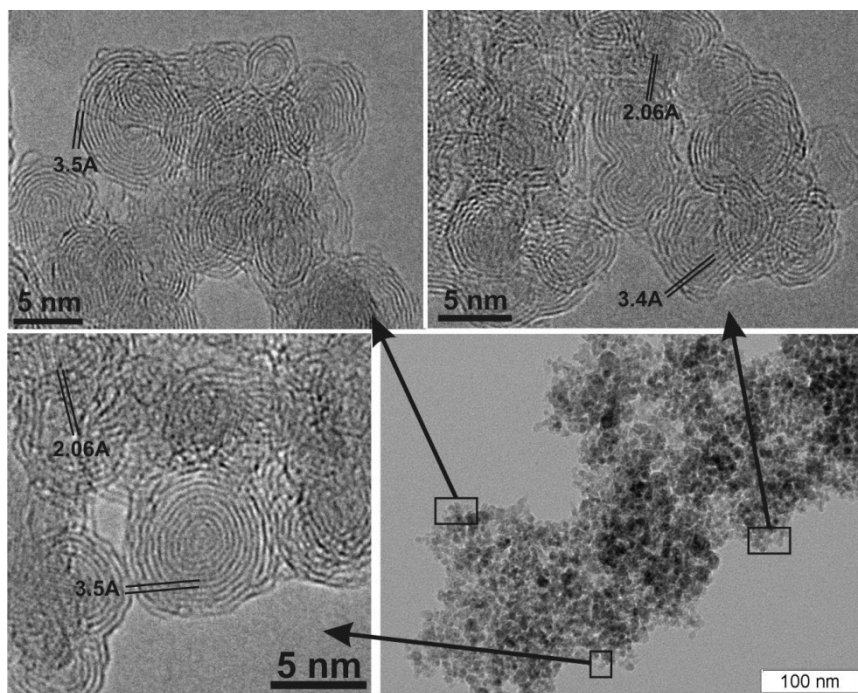


The appendix contains TEM images of NCMs used in experiments.



**Figure S1.** TEM micrographs of NDs ("Altay", Russia)



**Figure S2.** TEM micrographs of OLC prepared by the ND thermal treatment at 1527 °C under vacuum.

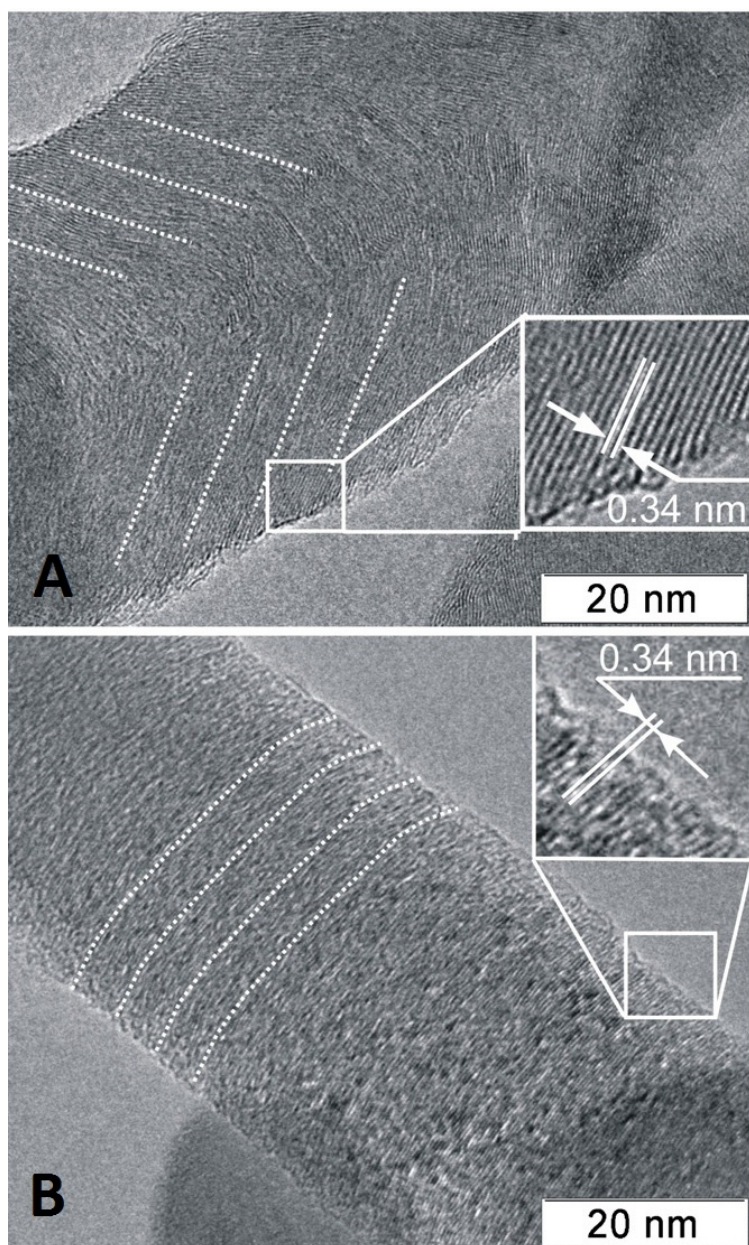


Figure S3. TEM micrographs of CFC-1 (A) and CFC-2 (B)

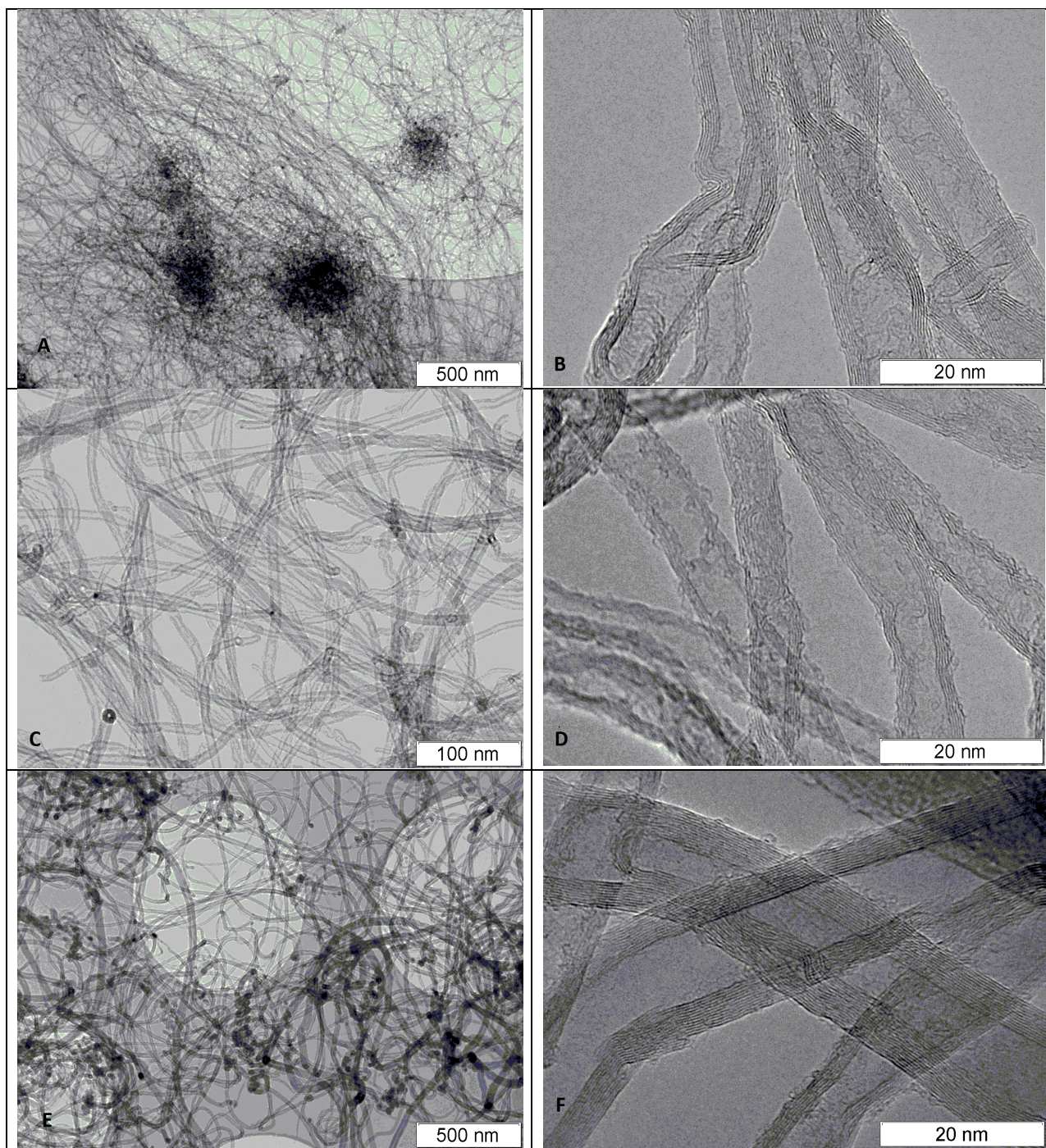


Figure S4. TEM micrographs of MWCNT-1 (A, B), MWCNT-2 (C,D) and MWCNT-3 (E,F)