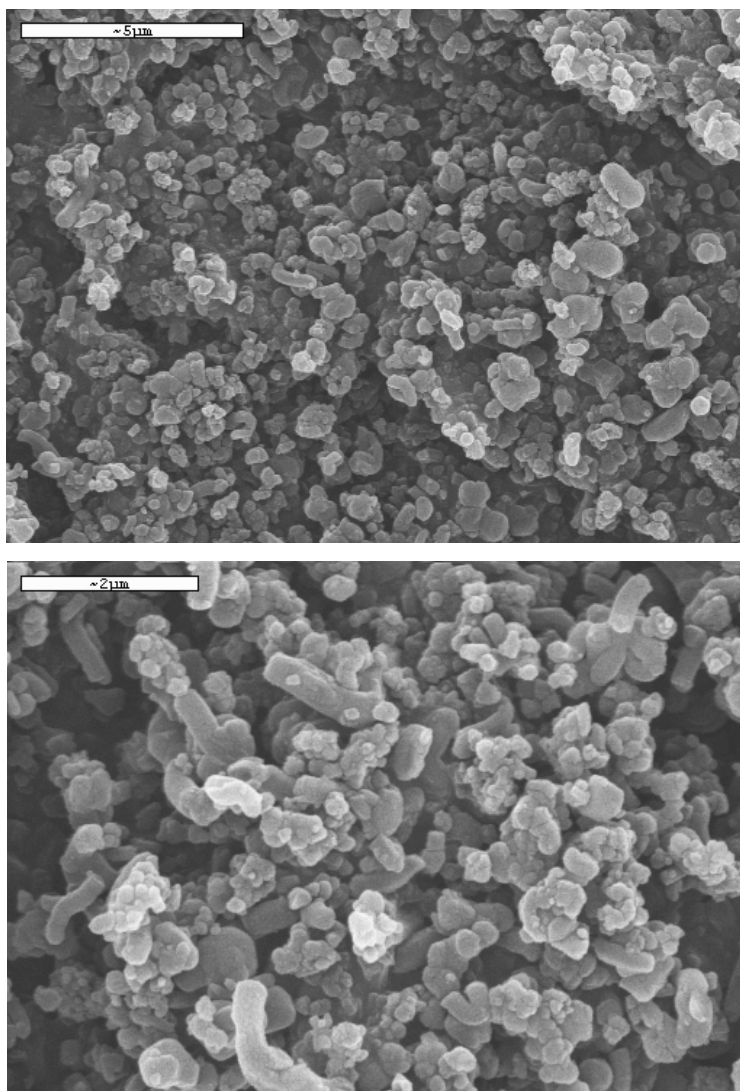


## Supplementary Material

**Figure S1.** SEM images of the microporous samples obtained by bioinspired methodology. There are aggregates of no definite size and shape.



**Figure S2:** XRD of the lamellar phase of the MCM family (MCM-50). The XRD pattern was taken from the reference: *Chem. Mat.*, **1996**, *8*, 1147-1160.

