

Supplementary Information of the paper entitled

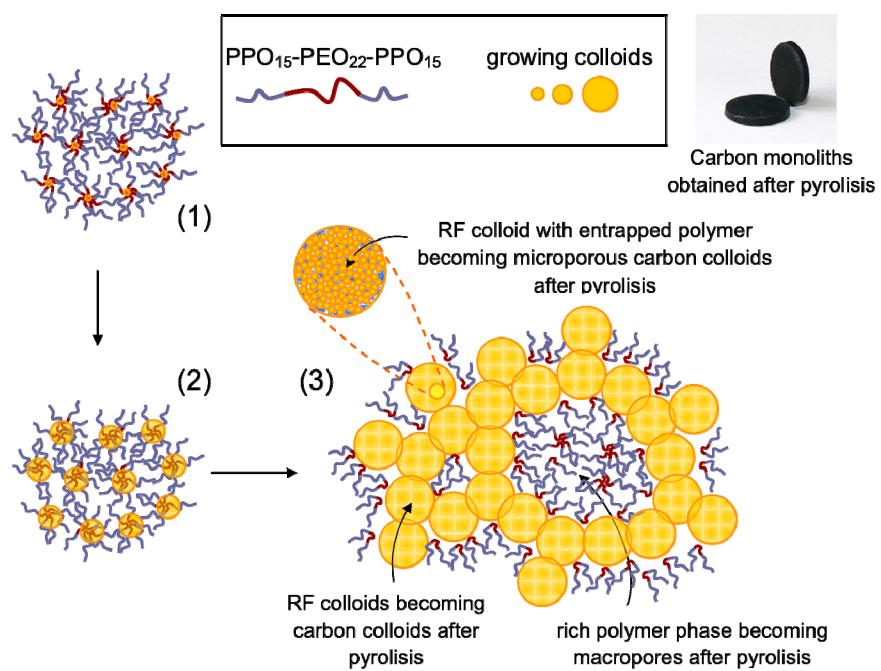
**“Block-Copolymer Assisted Synthesis of Hierarchical Carbon
Monoliths Suitable as Supercapacitor Electrodes”**

by

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SCHEME S1



Idealized representation of the resorcinol-formaldehyde gels formation to illustrate the relevance of block-copolymers in the morphological texture of the 3D HCMs resulting after carbonization.

Figure S1: Pictures of HCM samples prepared from (from left to right) 0.163, 0.257, 0.320 (HCM1 in manuscript), 0.358 (HCM2 in manuscript) and 0.387 (HCM3 in manuscript) grams of PPO₁₅-PEO₂₂-PPO₁₅. HCM4-HCM5 samples were similar to HCM2-HCM3 rather than to HCM1 samples (not shown).

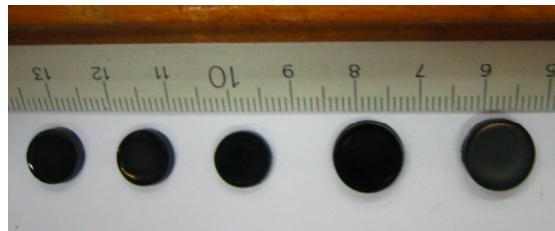


Figure S2: SEM micrographs of samples prepared from 0.257 (top panel) and 0.163 (bottom panel) grams of PPO₁₅-PEO₂₂-PPO₁₅ revealing absence of texture.

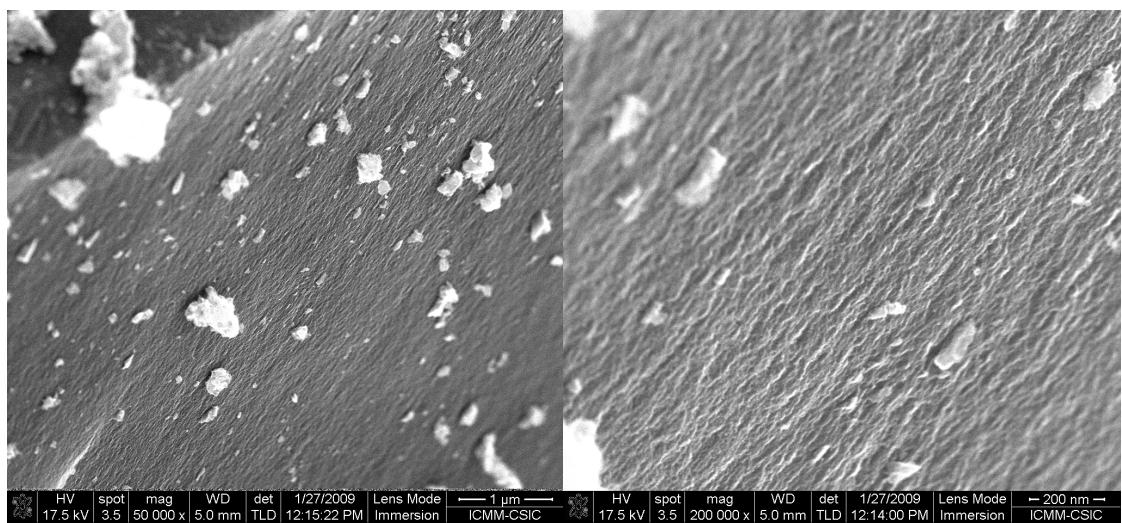
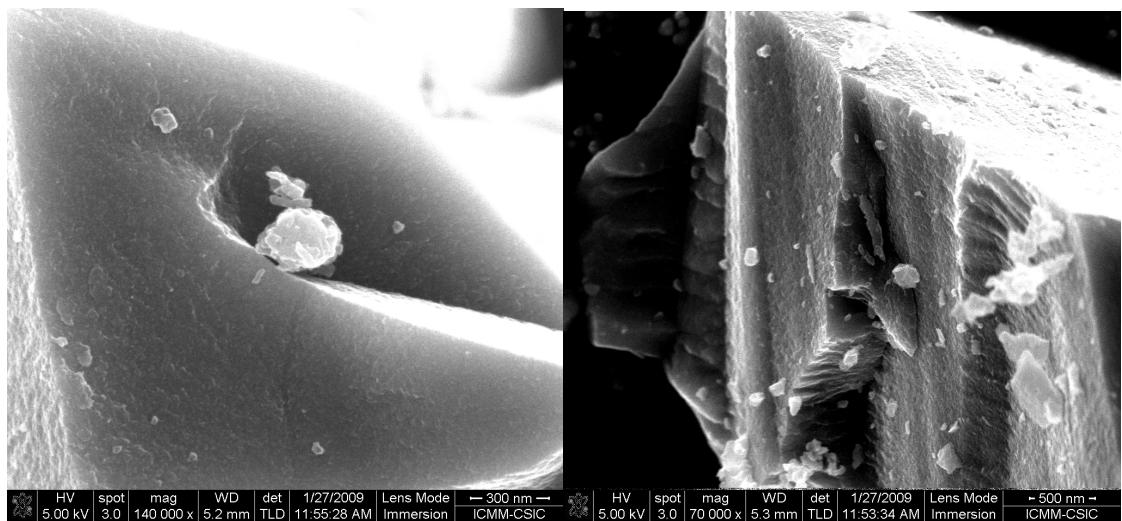


Figure S3: TG and DTA curves registered for sample HCM3 under nitrogen flow revealing the absence of block-copolymers remaining after combustion. First 1.5 wt.% losses up to 150 °C (1.5 wt.%) corresponded to adsorbed moisture, so that following losses (3 wt.%) were ascribed to oxygen.

