Electronic Supplementary Material (ESI) for Green Chemistry.

Catalyst-free soft-template synthesis of ordered mesoporous carbon tailored by phloroglucinol/glyoxylic acid environmentally friendly precursors

Camelia Matei Ghimbeu*, Loïc Vidal, Luc Delmotte, Jean-Marc Le Meins, Cathie Vix-Guterl

Institut de Science des Matériaux de Mulhouse, CNRS UMR 7361, 15 rue Jean Starcky,

68057 Mulhouse-France

*Corresponding author:

Phone: +33 389 60 87 43

E-mail: camelia.ghimbeu@uha.fr

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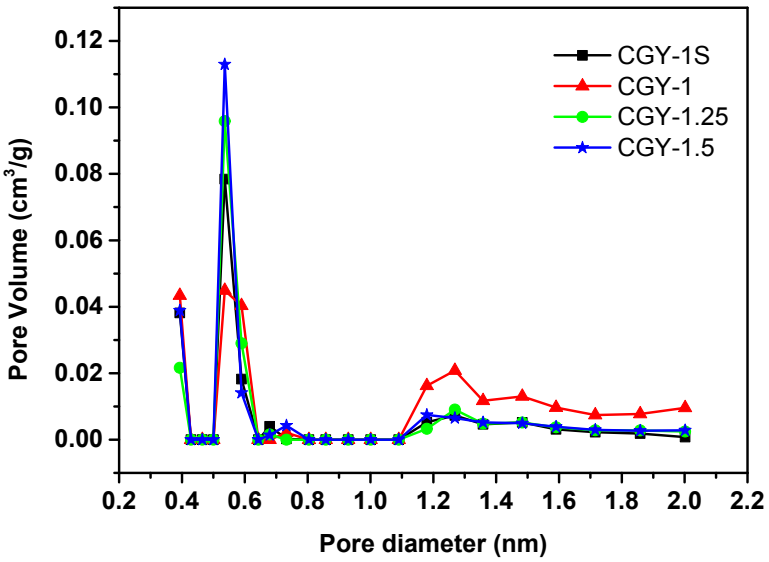

Figure S1: DFT pore size distribution of carbon powders obtained using different experimental conditions

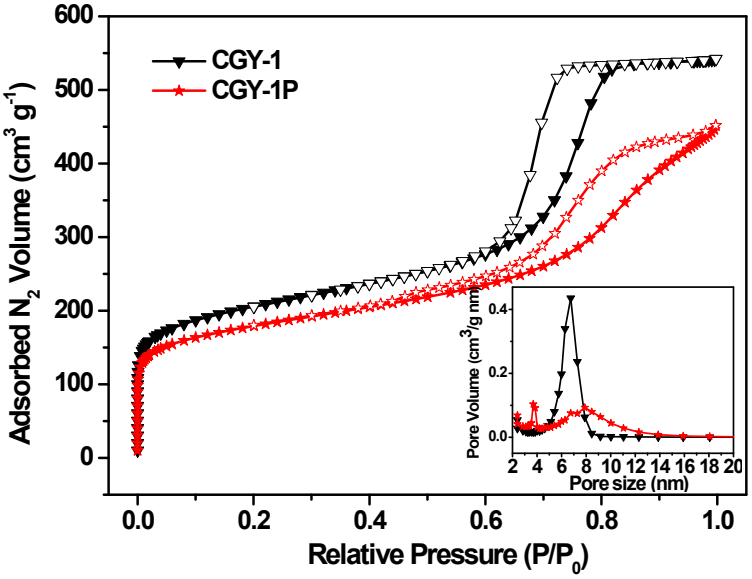

Figure S2: Nitrogen adsorption/desorption isotherms of carbon powders obtained by EISA (CGY-1) and by phase separation (CGY-1P)

Table S1:

Carbon Material	S_{BET} $m^2\ g^{-1}$	V_t cm^3g^{-1}	V_{micro} cm^3g^{-1}	V_{meso} cm^3g^{-1}	D_p nm
CGY-1	679	0.83	0.34	0.49	6.5
CGY-1T	445	0.66	0.17	0.49	6.0
CGY-1P	588	0.65	0.29	0.36	7.2

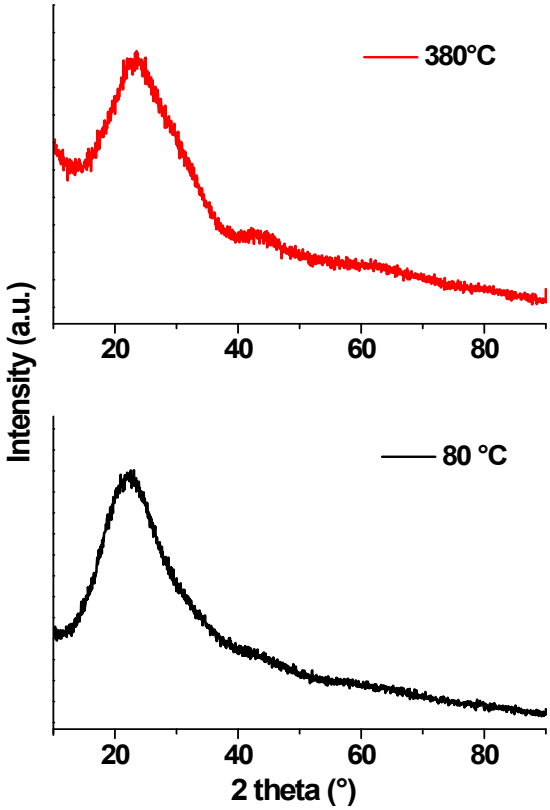

Figure S3: XRD patters of CGY-1 resin thermally treated at 80°C and subsequently at 380°C

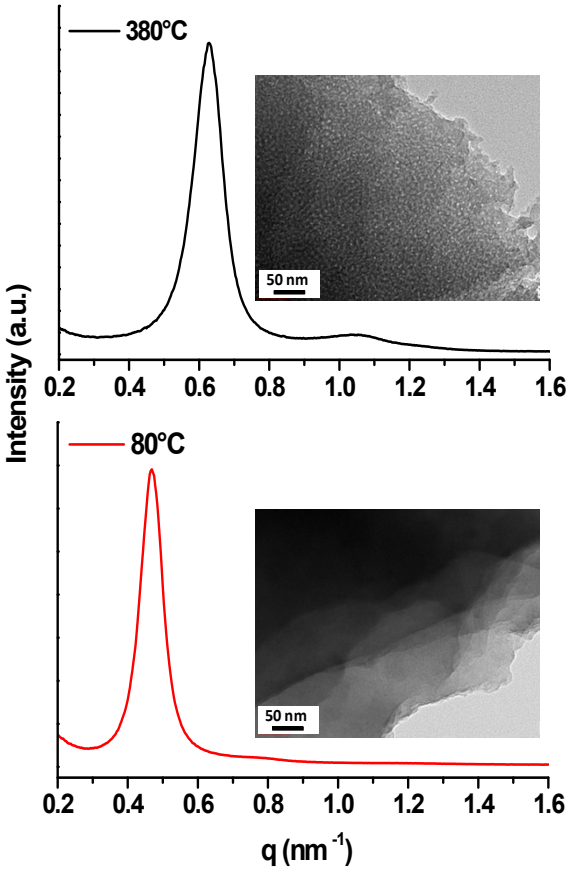

Figure S4: SAXS patterns (in-situ : TEM pictures) of phenolic resin CGY-1.5 heat treated at 80°C and 380°C respectively

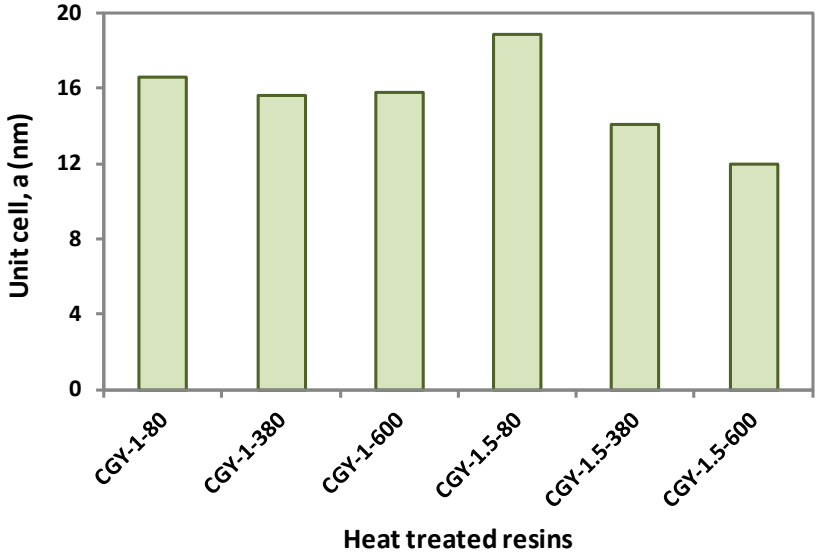

Figure S5: Unit cell variation with the temperature as determined by SAXS patterns