

Article

Bionanocellulose/Poly(Vinyl Alcohol) Composites Produced by *In-Situ* Method and *Ex-Situ*/Impregnation or Sterilization Methods

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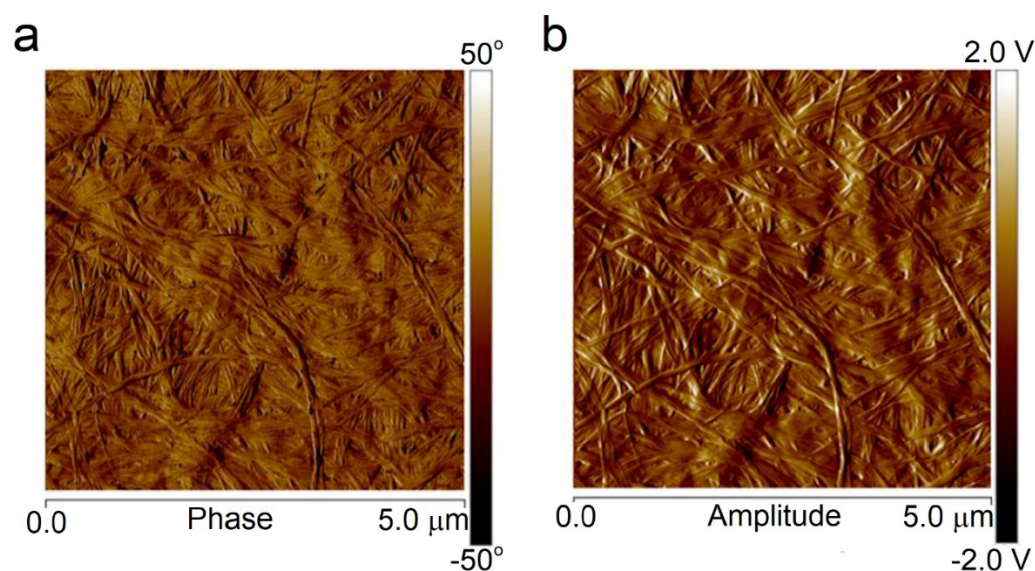


Figure S1. 2D-AFM images of BNC: phase (a), amplitude (b).

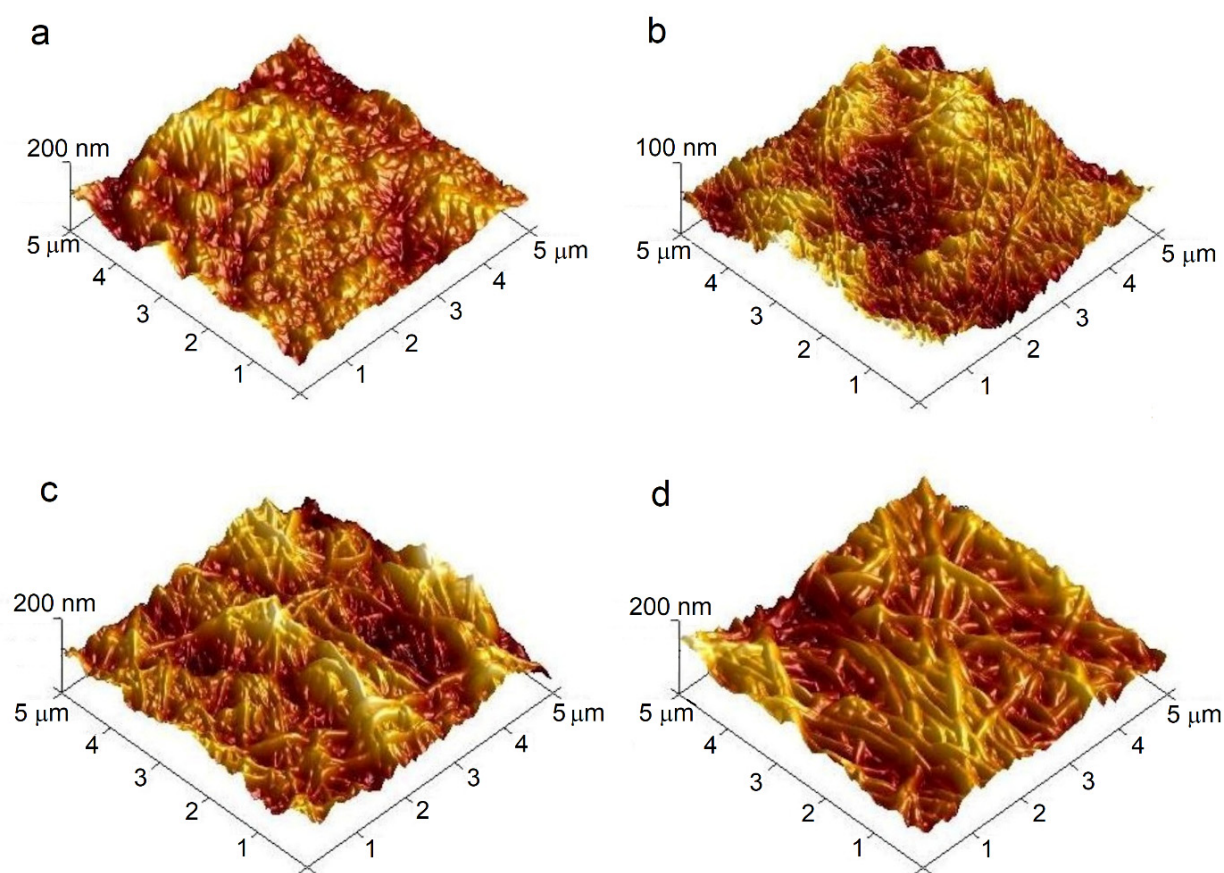


Figure S2. 3D-AFM images of BNC (a) and BNC/PVA composites obtained by *in-situ* (b), *ex-situ*/impregnation (c) and *ex-situ*/sterilization (d) method (at 4% PVA).