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Title: Reinforcement of bacterial cellulose aerogels with biocompatible polymers

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1           **Reinforcement of bacterial cellulose aerogels with biocompatible polymers**

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15           **Abstract**

16           Bacterial cellulose (BC) aerogels, which are fragile, ultra-lightweight, open-porous and  
17           transversally isotropic materials, have been reinforced with the biocompatible polymers  
18           polylactic acid (PLA), polycaprolactone (PCL), cellulose acetate (CA), and poly(methyl  
19           methacrylate) (PMMA), respectively, at varying BC/polymer ratios. Supercritical carbon  
20           dioxide anti-solvent precipitation and simultaneous extraction of the anti-solvent using

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