

Coaxial Electrospun PLLA Fibers Modified with Water-Soluble Materials for Oligodendrocyte Myelination

Zhepeng Liu ^{1,*}, Jing Wang ¹, Haini Chen ¹, Guanyu Zhang ², Zhuman Lv ², Yijun Li ¹, Shoujin Zhao ¹ and Wenlin Li ^{2,*}

¹ School of Medical Instrument and Food Engineering, University of Shanghai for Science and Technology, Shanghai 200093, China

² Department of Cell Biology, Second Military Medical University, Shanghai 200433, China

* Correspondence: zpliu@usst.edu.cn (Z.L.); liwenlin@smmu.edu.cn (W.L.)

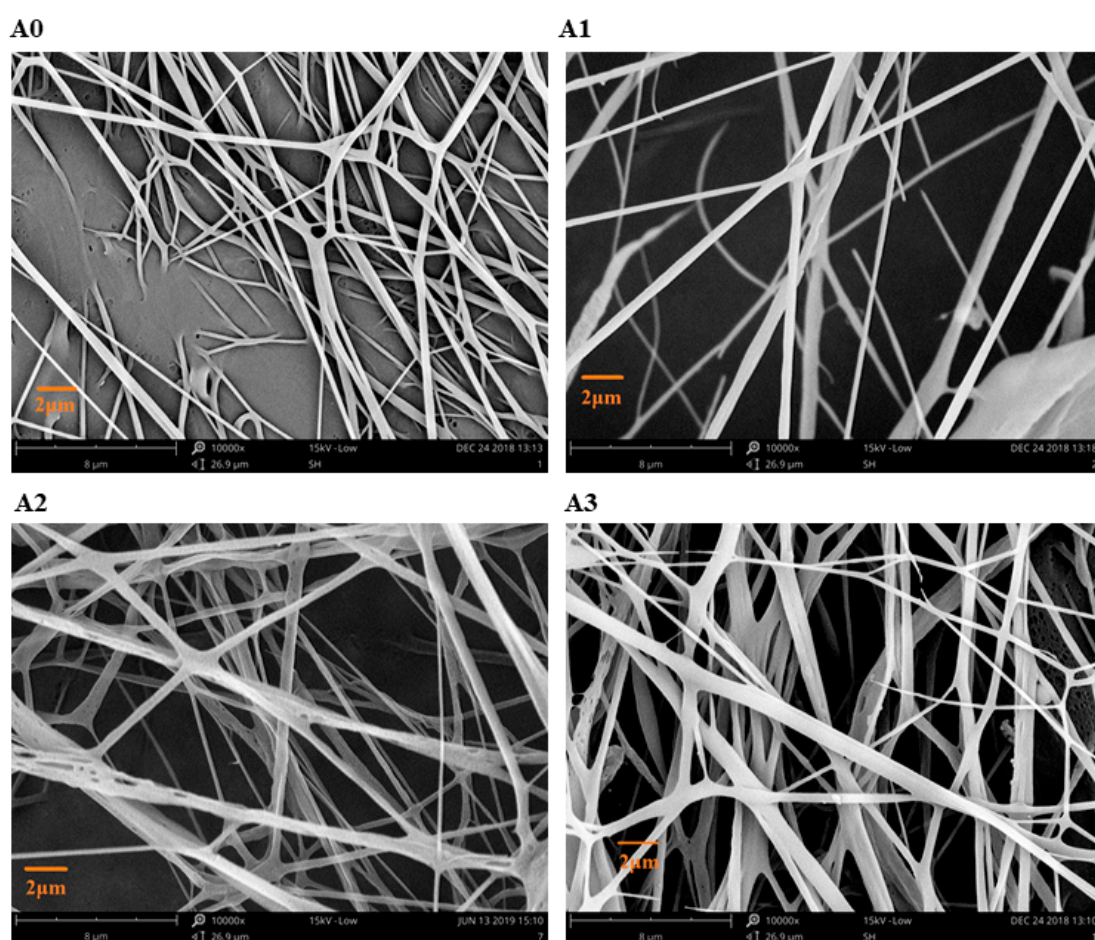


Figure S1. SEM images of electrospinning fibers. A0: 6% PLLA, A1: 1% sodium alginate (shell) – 6% PLLA (core), A2: 1% sodium hyaluronate (shell) – 6% PLLA (core), A3: 1% chitosan (shell) – 6% PLLA (core).

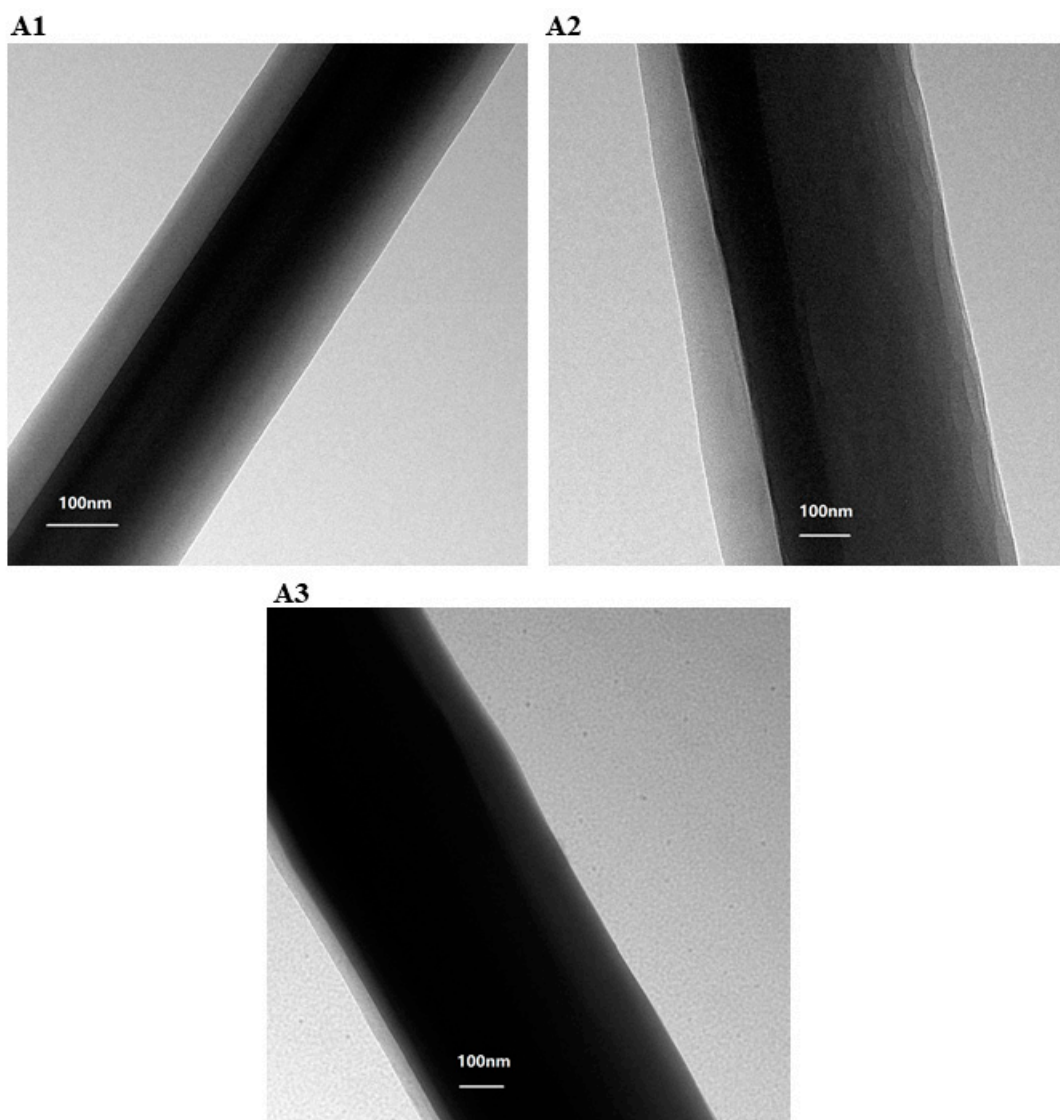


Figure S2. TEM images of electrospinning fibers. A1: 1% sodium alginate (shell) – 6% PLLA (core), A2: 1% sodium hyaluronate (shell) – 6% PLLA (core), A3: 1% chitosan (shell) – 6% PLLA (core).