

Engineering poly(lactide)-lignin nanofibers with antioxidant activity for biomedical application

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Totally 8 pages with 7 figures

Figure S1 ^1H NMR (CDCl_3) of alkylated lignin

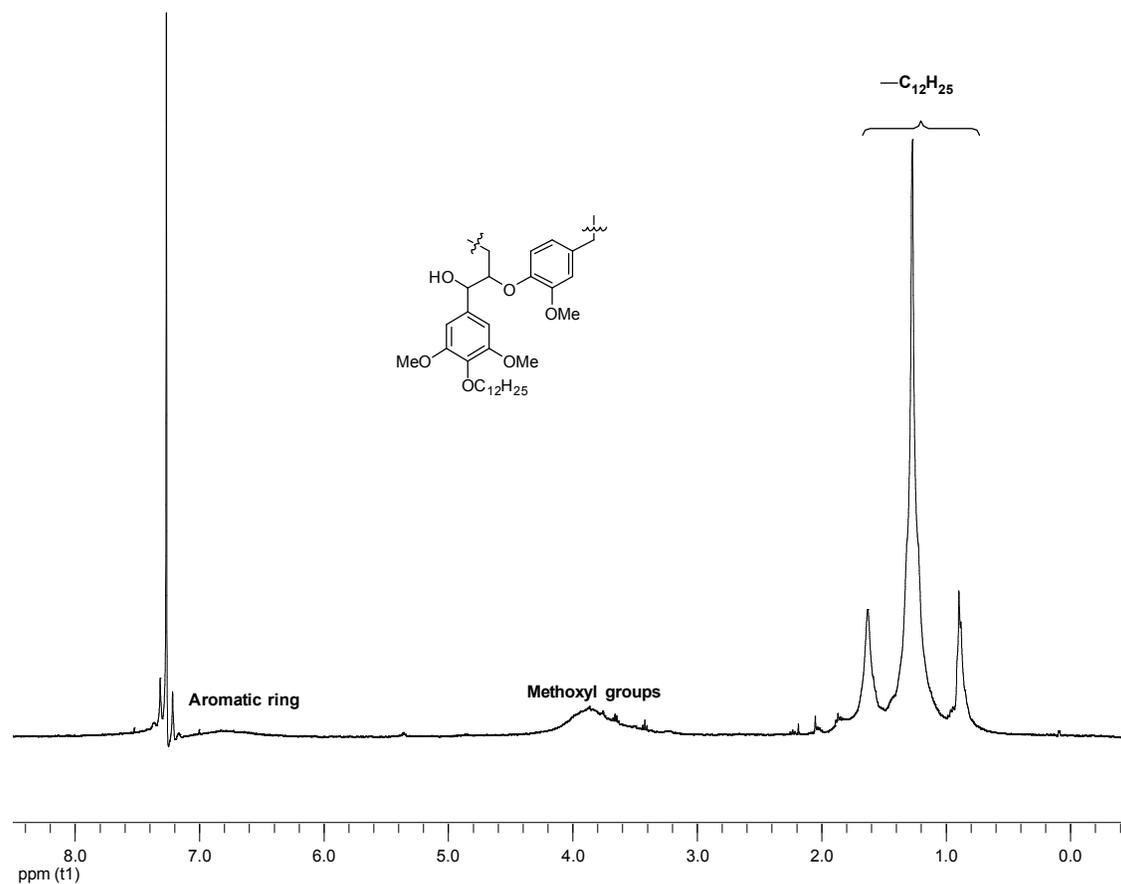


Figure S2 FTIR spectra of lignin and PLA-lignin copolymers.

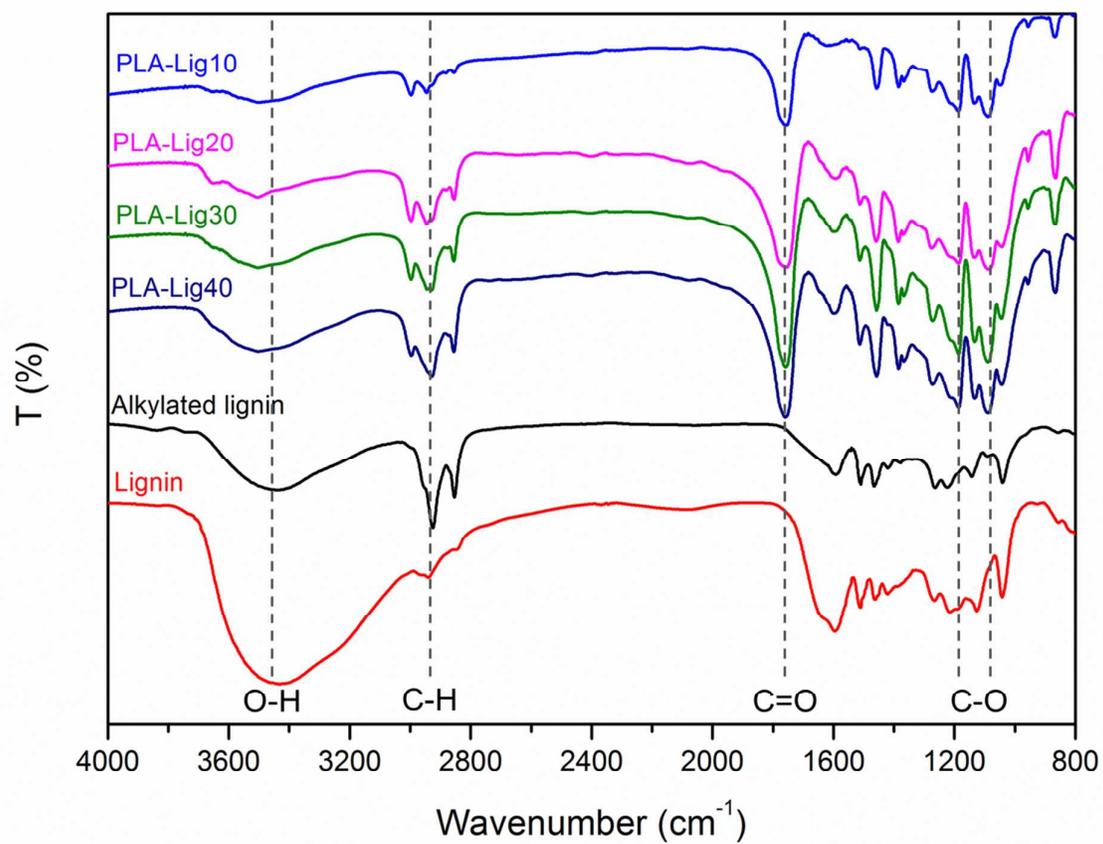


Figure S3 Images showing the water contact angles of PLLA and PLLA/PLA-lignin nanofibers

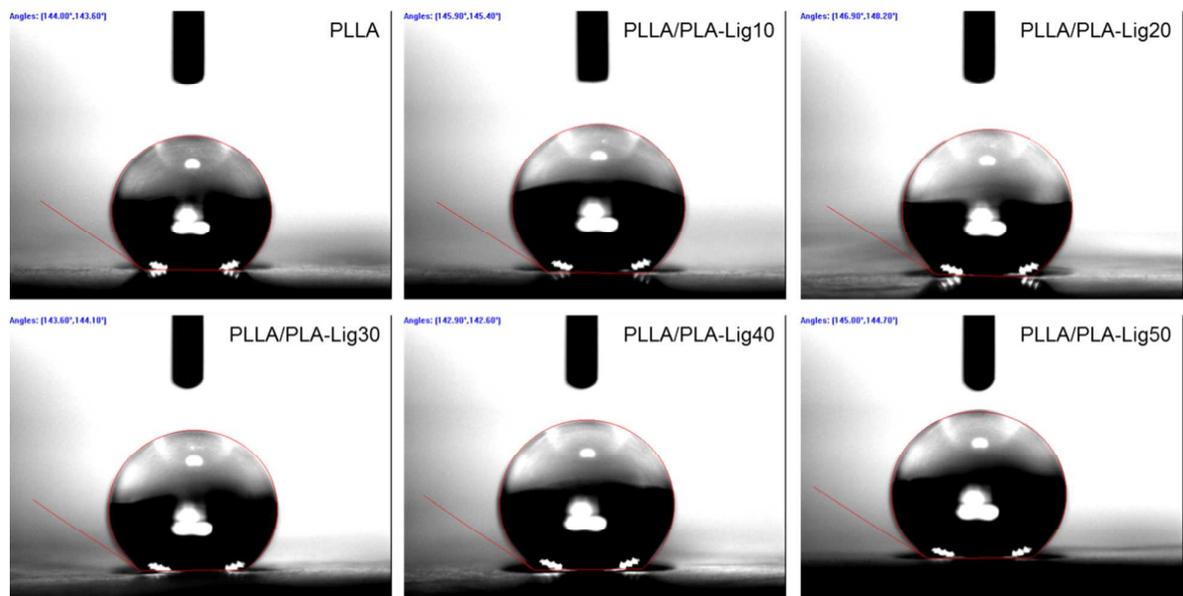


Figure S4 Typical stress-strain curves of the PLLA/PLA-lignin nanofibers by tensile test.

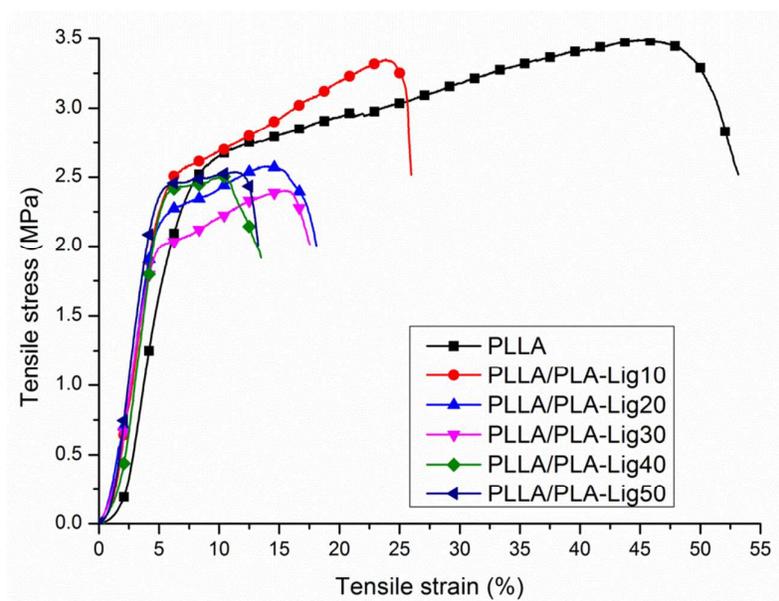


Figure S5 DSC curves of PLA-lignin copolymers

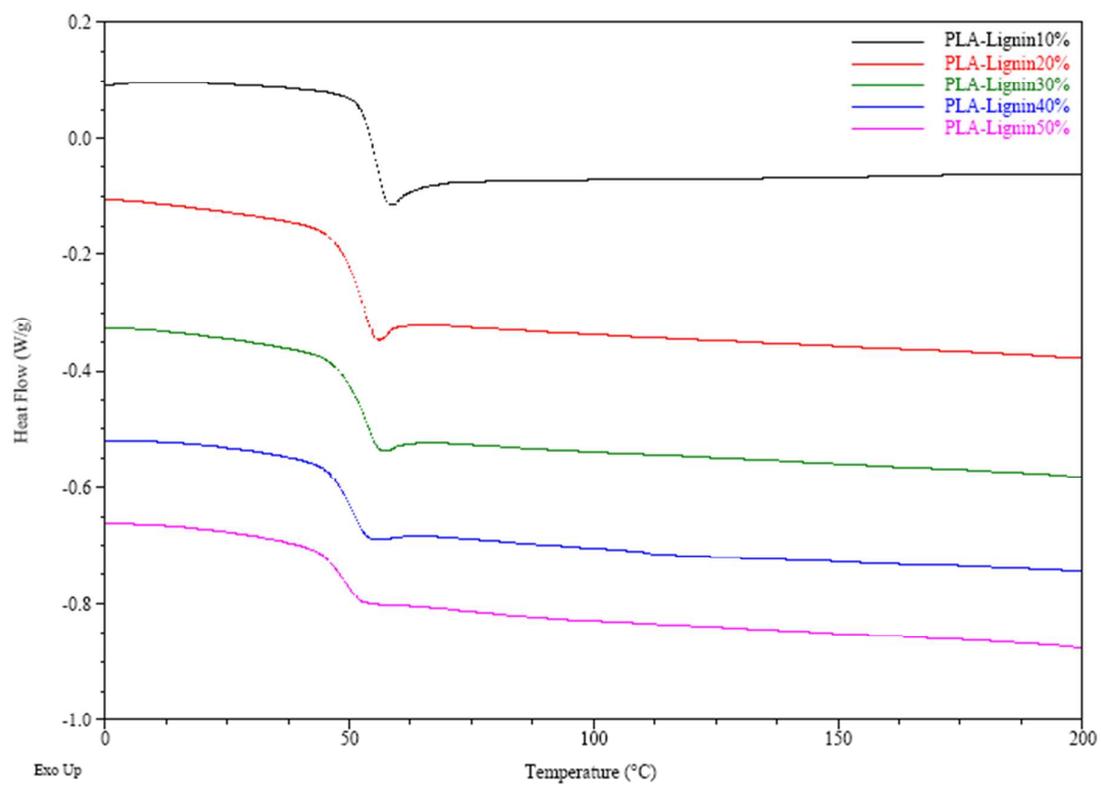


Figure S6 DSC curves of PLLA/lignin-PLA nanofibers

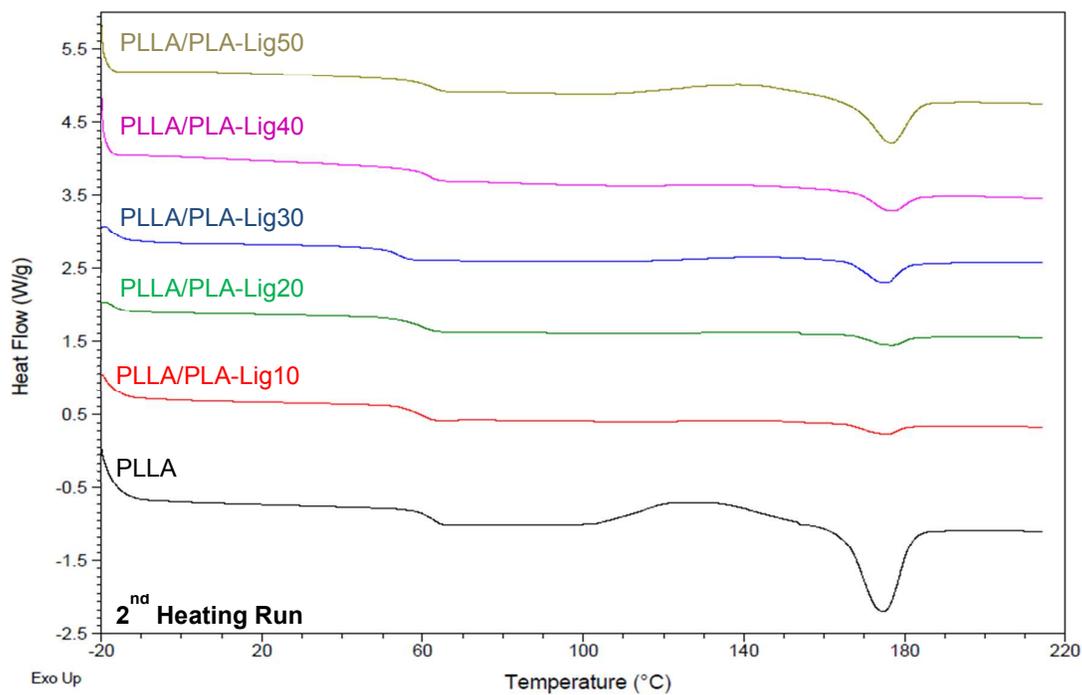
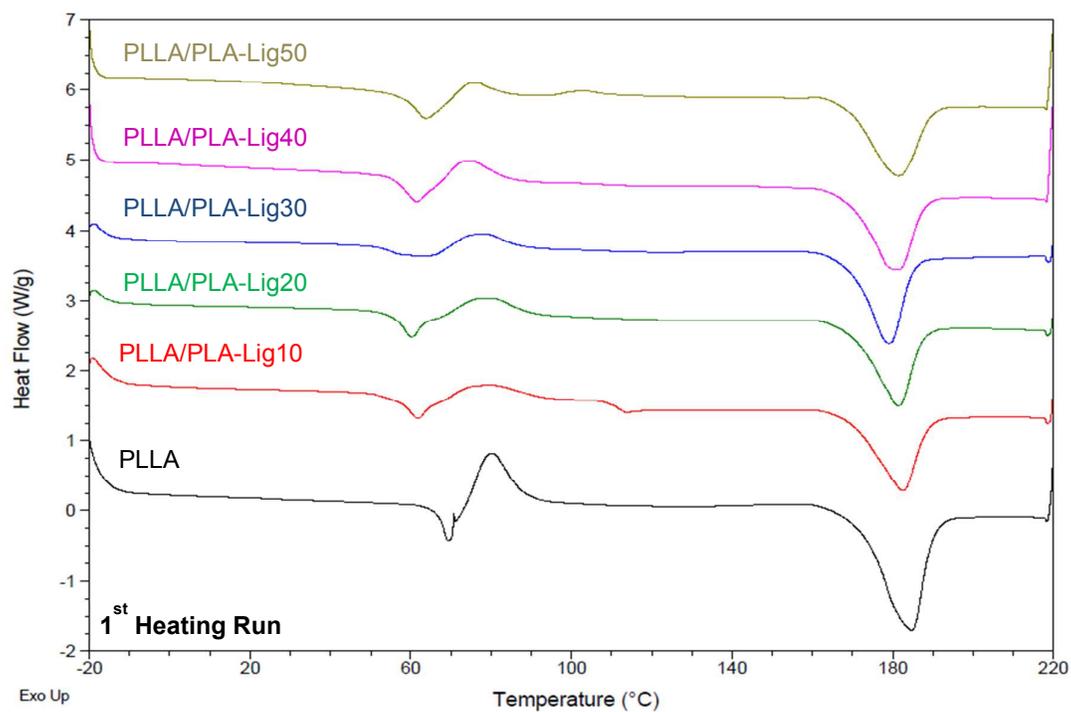


Figure S7 Free radical inhibition (antioxidant activity) of PLA-lignin copolymers by DPPH assay.

