

Nano-Scale Modifications of Amniotic Membrane Induced by UV and Antibiotic Treatment: Histological, AFM and FTIR Spectroscopy Evidence

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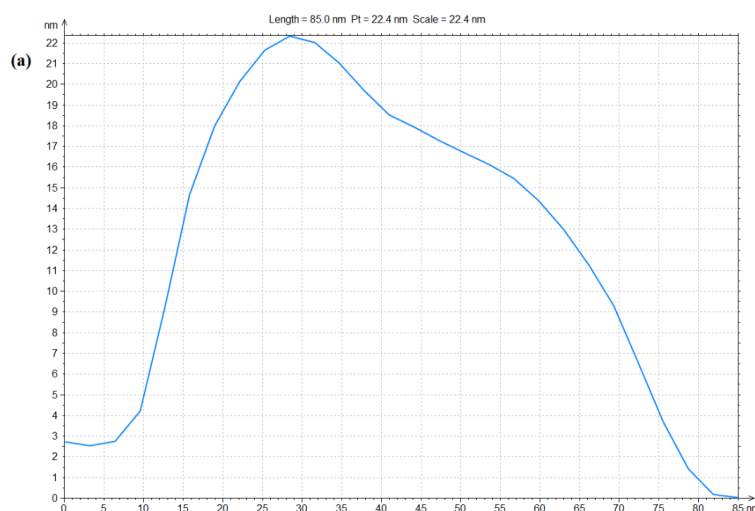
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The profiles of single collagen fibril exposed on the surface of amniotic membrane after different treatments are presented below.



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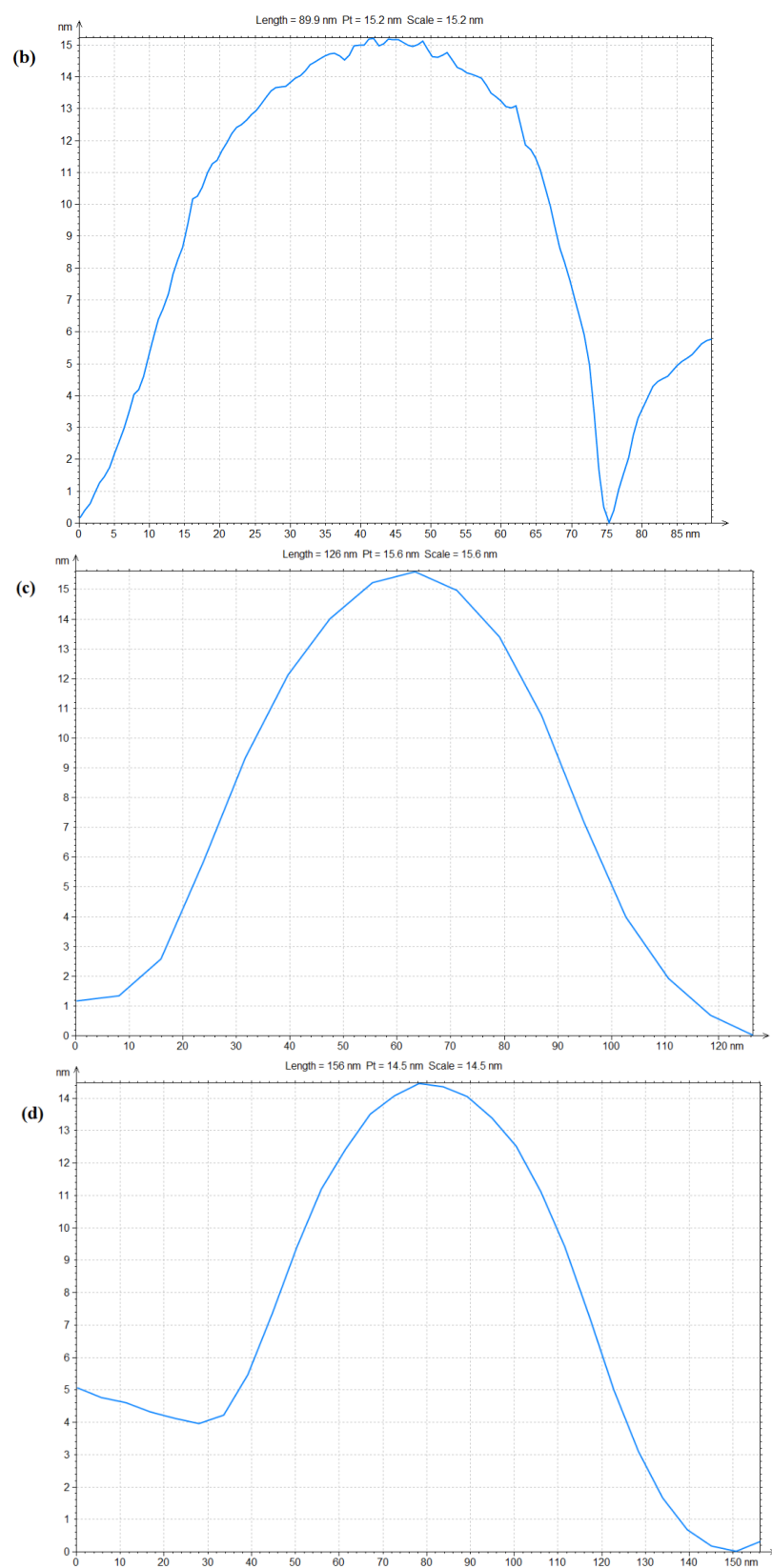
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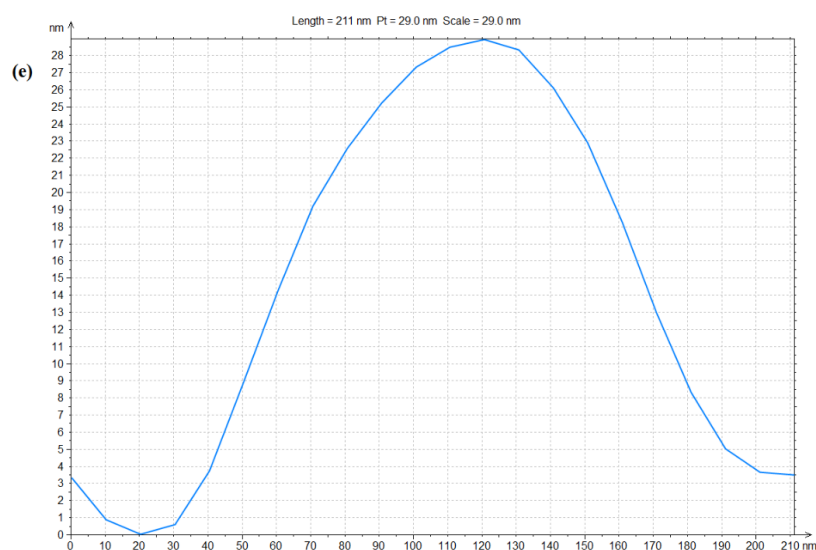


Figure S1. The AFM profiles of single collagen fibril in amniotic membrane after different treatments: (a) natural membrane (no treatment) (AMN); (b) membrane exposed to UV (AUV); (c) membrane exposed to gentamicin treatment 40 mg/ml (AG40); (d) membrane exposed to gentamicin treatment 80 mg/ml (AG80); (e) membrane exposed to gentamicin and UV treatment (AGUV).