

## Supplementary Information

# Fluoropolymer-based Flexible Neural Prosthetic Electrodes for Reliable Neural Interfacing

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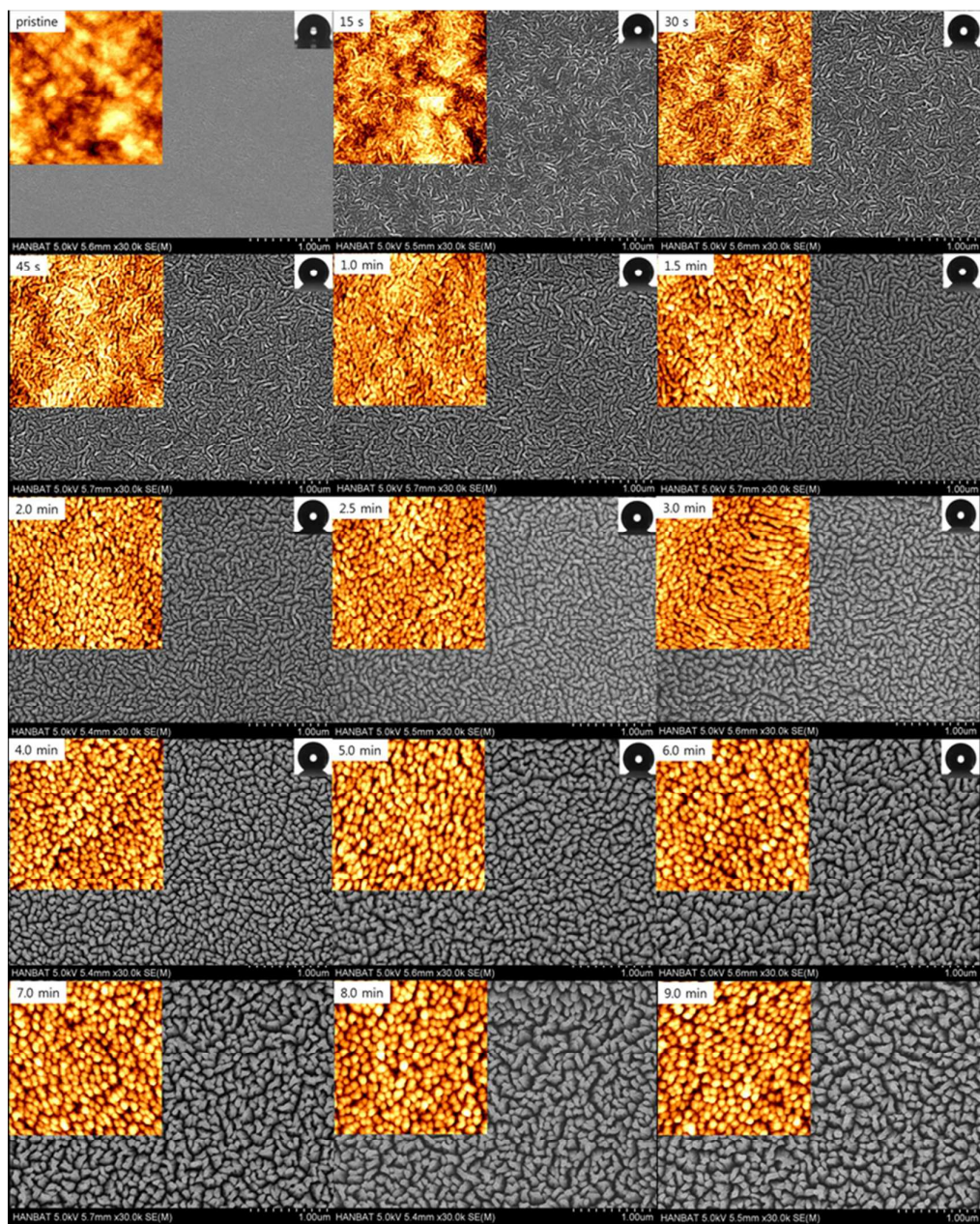
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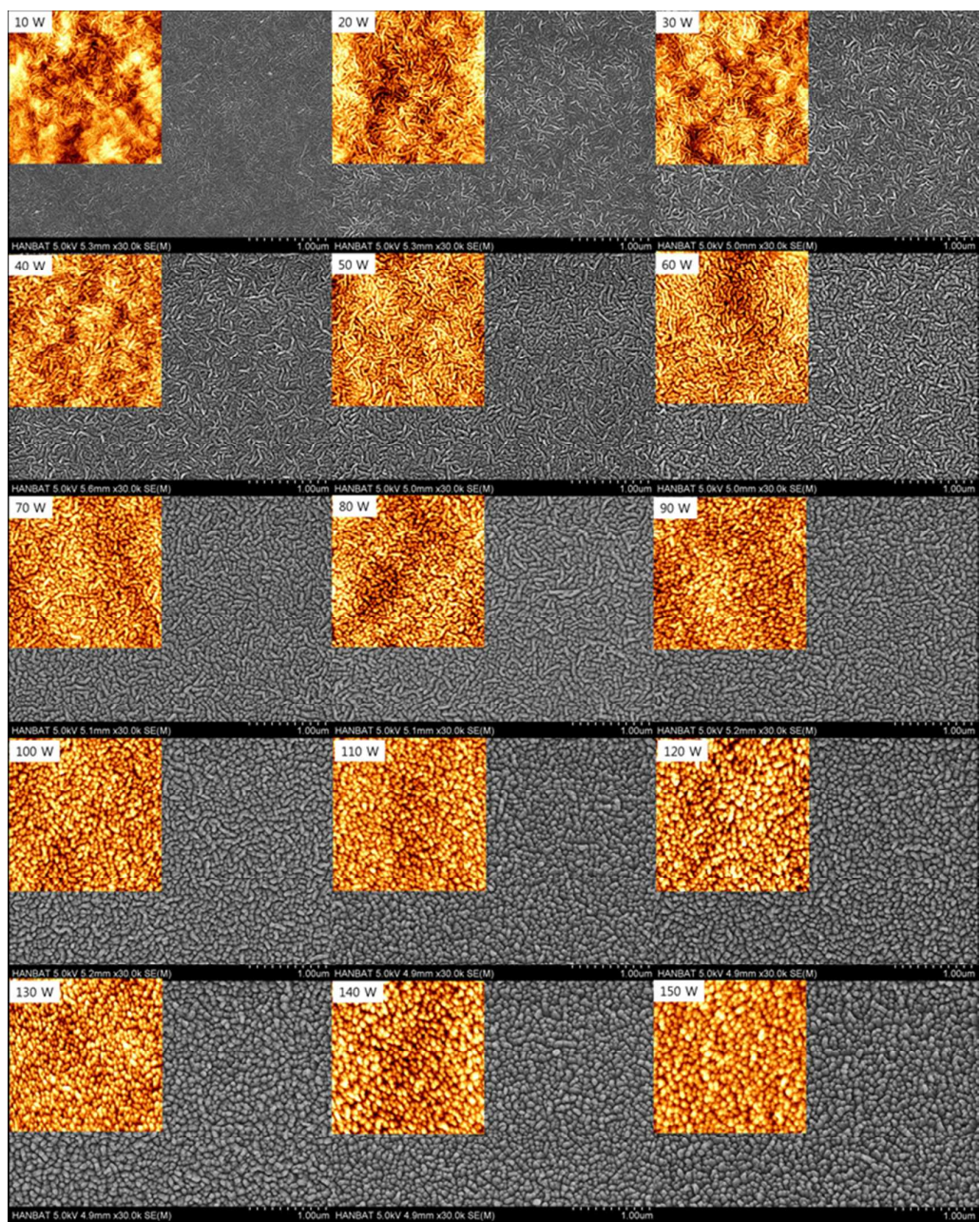
1. AFM, FESEM, and contact angle images with respect to the Ar RF plasma treatment time.
2. AFM and FESEM images with respect to the Ar RF plasma power.
3. Effect of pressing pressure on the adhesion strength.

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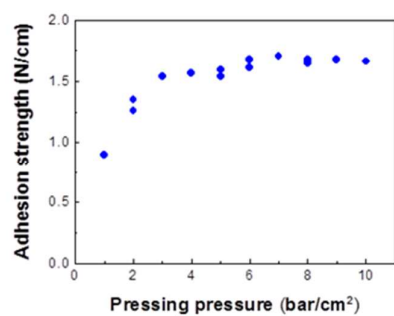


**Figure S1.** AFM, FESEM, and contact angle images with respect to the Ar RF plasma treatment time. WCA images could not be obtained for samples treated for longer than 7 min.





**Figure S2.** AFM and FESEM images with respect to the Ar RF plasma power.



**Figure S3.** Effect of pressing pressure on the adhesion strength (RF power 40 W, working pressure 15 mTorr, treatment time 30 s, and pressing temperature 200 °C).