Supplementary material (ESI) for Journal of Materials Chemistry

Preparation of a Drug-eluting Stent Using a TiO_2 Film Deposited by Plasma Enhanced Chemical Vapour Deposition as a Drug-combining Matrix

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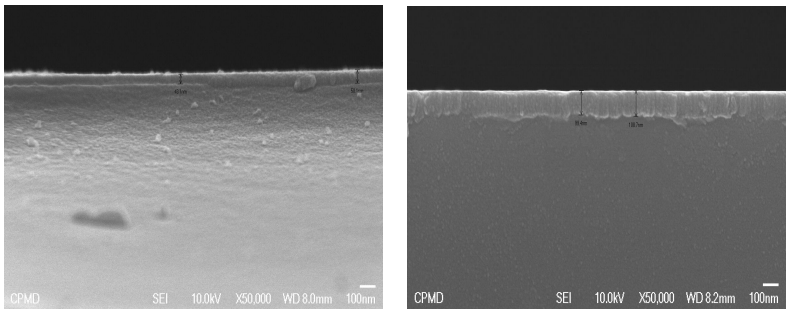
Electronic Supplementary Information

Fig. S1. SEM cross-sectional images of TiO_2 films deposited by PECVD at 5 W (left) and 15 W (right).

Fig. S2. High resolution ESCA Ti2p and O spectra of water-modified TiO_2 film under 30 W for 10 min.

Fig. S3. SEM images of an ALA-grafted stent (A-C), an abciximab-grafted stent (D-F), and a heparin-grafted stent (G-I) after in vitro drug-eluting test in a PBS buffer for 1 month, followed by adhesion test in an ultrasonicatior.



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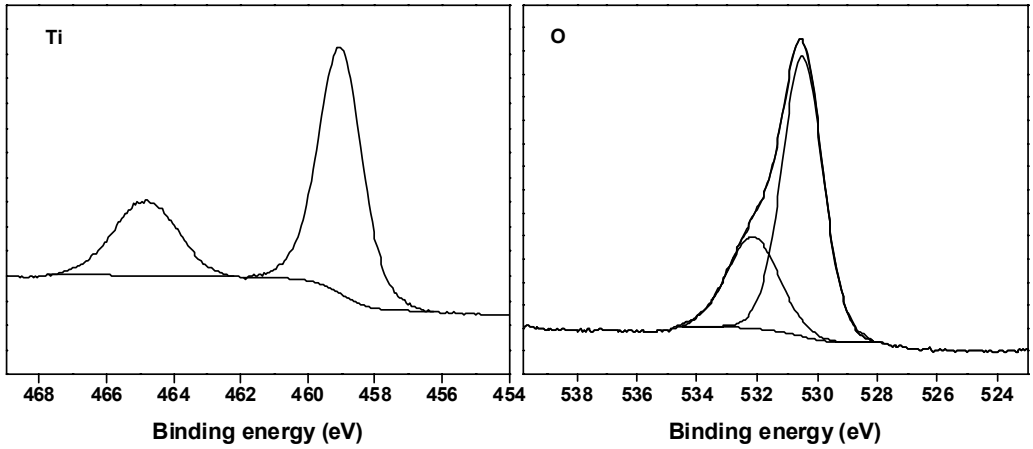

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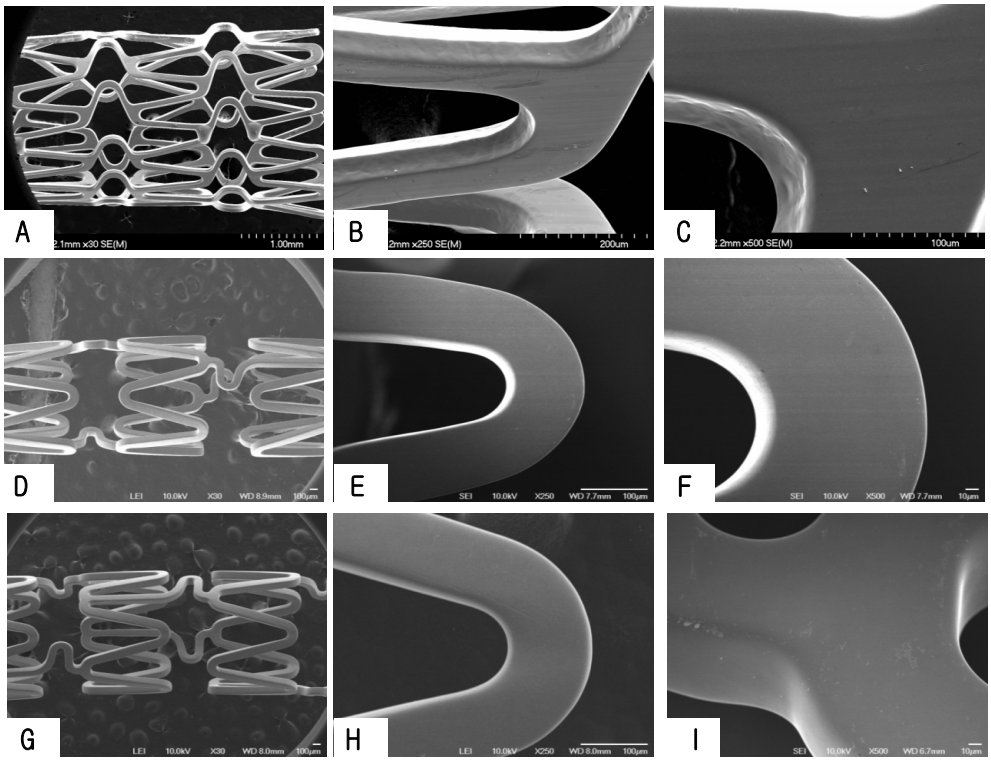

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