

Urea-functionalized poly(trimethylene carbonate) derivative for **biological function**

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Figure 6. Protein adsorptions of non-coated glass, non-coated PFT_PTMC-coated

coated . SU-coated .	glass, PTMCM-SU-coated glass.
Conclusions	Future Work
1. Ester-free PTMC with urea derivative have successfully synthesized for biomaterials such as drug delivery control.	1. Perform in-vitro drug release experiment with cilostazol.
2. Hydrogen bonding induced between polymer PTMCM-SU and drug cilostazol could be useful for prolong drug release rate.	2. Study biodegradability behaviour of polymer.
3. PTMCM-SU possessed hydrophilicity and high protein affinity, improved bioactivity of PTMC derivatives.	