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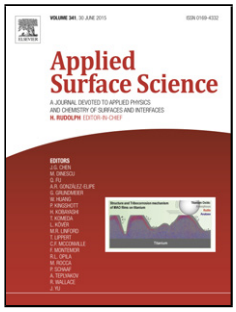

Title: The influence of conditioning film on antifouling properties of the polyurethane film modified by chondroitin sulfate in urine

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ACCEPTED MANUSCRIPT

The influence of conditioning film on antifouling properties of the polyurethane film modified by chondroitin sulfate in urine

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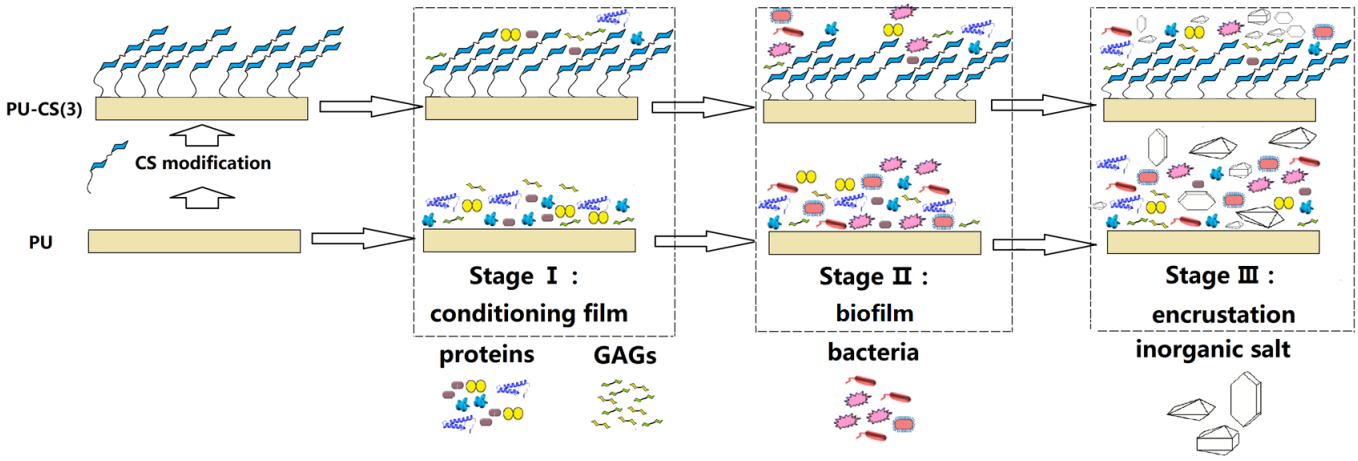
Highlights:

1. The composition and properties of conditioning film formed on polyurethane films modified by chondroitin sulfate (PU-CS) with different CS grafting density were investigated.

2. The impact of conditioning film on subsequent inorganic salt deposition and bacteria adhesion on PU-CSs surface in artificial and real urine was estimated.

Graphical abstract



Abstract

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