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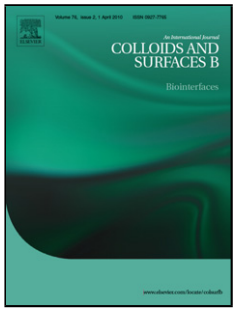

Title: Elucidation of innovative antibiofilm materials

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- An asymmetric substrate with an outer dense layer and an inner porous structure was obtained from a natural biomaterial via a simple phase-inversion method
- Correlation between the physico-chemical fabrication parameters and the final microstructure was investigated
- The microporous structure was loaded with an antibofilm protein
- The material qualitatively and quantitatively exhibited antibiofilm activity on preformed bacterial films
- Applications include innovative bioactive dressings for chronic wounds

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