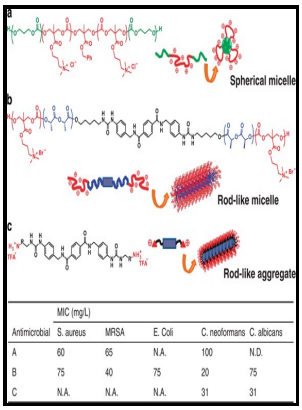
Development of novel biodegradable antimicrobial polymers for biomaterials applications

National Library of Canada - Highly dynamic biodegradable micelles capable of lysing Gram



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-Development of novel biodegradable antimicrobial polymers for biomaterials applications
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Application of Biodegradable Polymers in Food Packaging Industry: A Comprehensive Review

Synthesis of graft copolymers based on poly 2-methoxyethyl acrylate and investigation of the associated water structure.

Synthesis and characterization of a novel biodegradable antimicrobial polymer

Here, we report the most recent progress made in glutamic acid-based modified forms and the opportunities for applying them in biomedical applications. The possible functional groups of pullulan responsible for the reduction and stabilization of AgNPs were evaluated using FT-IR. Nayak K, Gupta P 2012 Protein based biodegradable polymer for food and non-food packaging: a review.

Biomedical Applications of Synthetic, Biodegradable Polymers for the Development of Anti

Analysis of the solutions showed that ciprofloxacin was released and able to inhibit the growth of P. The medical, biomedical, and other applications of hyaluronic acid have been well described and presented; however, after a literature survey, it can be concluded that the recently made progress of grafted, chemically modified, physically blended, and chemical cross-linked hyaluronic acid-based biomaterials need to be the review. Both the wetting ability and emulsion stability have a similar variation law as the former.

Novel applications of urethane/urea chemistry in the field of biomaterials

The basic way to modify the side-chain structure is by tuning the number of EG units and chain-end terminal group. Averous L, Pollet E 2012 Environmental silicate nano-biocomposites.

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