



## Biological Applications of Bacillus Subtilis Derived Exopolysaccharide

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | As the exopolysaccharides (EPS) have various pharmacological activities such as anticoagulant, antioxidant, anti-inflammatory, antibacterial, antitumoral, anticomplementary and anti-adhesive activities. The extraction of EPS from Bacillus subtilis basal and malt medium (bacteria) revealed similar concentration of carbohydrate, protein and sulfate content. The structural characterization of EPS obtained from Bacillus subtilis was defined by AGE, FTIR, HPLC and GC-MS. Hence further research should pay more attention on the development of drug systems from microbes EPS to save the life of mankind. | Format: Paperback | Language/Sprache: english | 88 pp.



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