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Aleksandra Šmitran is an Associate Professor of Microbiology at the Faculty of Medicine, University of Banja Luka, Republic of Srpska, Bosnia and Herzegovina. She is a Medical doctor, specialist of Medical microbiology. Research areas of interest are streptococci, biofilm producing bacteria and antimicrobial activity of nanoparticles and nanocomposites. Participated in numerous national and international congresses, lecturer at several sessions of continuous education. Interested in the testing of antimicrobial activities of unusual organic and inorganic substances against planktonic and biofilm- embedded bacteria.

