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(54) **Title**: METHOD FOR PRODUCTION OF NANOFIBRES

(57) **Abstract**: The invention relates to the method for production of nanofibres through electrostatic spinning of polymer matrices prepared upon biopolymers of chitosan or collagen. The biopolymer before spinning is dissolved as clean or in mixture with auxiliary non-toxic polymer in solvent system, which comprises an organic or inorganic acid, selected from the group of acetic acid in concentration from 30 % to 90 % of weight, lactic acid, malic acid, trihydrogen-phosphoric acid and their mixtures, and this solution is brought into electrostatic field between the spinning electrode and collecting electrode, while the produced biopolymer nanofibres comprise more than 90 % of weight of biopolymer in dry mass.