

????????, ????????? ?., ??????, ????????????????? ????????? (????????, 29. VIII 1965). ?????? ?????? ????????? 1990. ?? ?????????-???????????????? ????????? ? ?????? ????. ??? ?? ????????? ? ????????????? ?????????? „????? ??????“ ? ??????????, ??? ?? ?????? ????????? ?????????? ? ?????????????????? ??????????????? ?? ??????-???????????? 1990--1995. ?????????????? ??? ?? ????????? ??????? ?????????? ?????????? ?????????? ?? ?? ?????????? ?????????? ? ?????????? (1994), ? ?????????? ?????????????? „????????? ? ?????????????????? ?????????????????? ?????????????????? ?????????? ?????????? ?????????-C60“ ?? ??? ? ?????? ??? (2000). ?? ?? 1995. ?????? ? ?????? ?????????a, ? 2009. ? ?????? ?????????? ??????????. ????????? ?????????? ?? ?????????? ?????????? ??????????, ?????????????????, ??????, ?????????? ? ??????. ??? ?? ?????? ??? ?????????? ?? ?????????? ?????????? ? ?????? ??????????. ??????? ?? ??? ?????????? ? ????????? („Analysis of Parameters Significant for Oxidative Stress and Cell Injury“, ? : R. Injac (??.), *The Analysis of Pharmacologically Active Compounds and Biomolecules in Real Samples*, Kerala -- India 2009; „Bioimpact of Carbon Nanomaterials“, ? : T. Ashutosh, S. K. Shukla, (??.), *Advanced Carbon Materials and Technology*, Salem -- ??? 2014). ?????? ?????? ?????????????? ?. ?? ??????? ?60 ? ??????? ?????????????????? ?????????????? ?????????????? ? ?????????? ?????????? *in vitro* ? *in vivo*. ??????? ?????????? ?? ??? ?? 1996. ? ?????? ?? ?? ?????????? ?????????????? ? ??? ???? ? ?????? ? ??????. ?????????????? ?? ?????????????? ?????????????? ?? 2000. ? ?????????????? ?????????? ?? ?????????????????? ?????????????? ? ??????????. ????????? ?? ?????????? ?? ????????? ? ?????????????????? ?????????????? ?????????????????? ? ??????? ?????????????????????? ? ?????????????????? ? ?????????? ??????. ??????????? ?? ?????? ??? ?????? ?? ?????? ?????????? ? ??????????????, ??? *Nanomedicine*, *ACS Omega*, *International Journal of Nanomedicine*, *Biomaterials*.

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*????? ?? ?????????? ? 2. ????? III ??? ???? ???? ????????????????? (2021)