Cl:ZnO and F:ZnO were elucidated as antidiabetic agents. They lead to induction of insulin synthesis and decreasing of blood glucose also has a depressant effects of lipids oxidation. The current results clearly investigate the beneficial effects of high dose of F:ZnO andCl:ZnO in both controlling hyperglycemia and the protection of the

retina against oxidative stress, but Cl:ZnO gave the best results. From the above results we can say that the best performance of Cl:ZnO is due to its high value of surface area compared to F:ZnO.