

Supplementary Materials

Antimicrobial properties of silver cations substituted to faujasite mineral

Roman J. Jędrzejczyk ^{1,*}, Katarzyna Turnau ², Przemysław J. Jodłowski ³, Damian K. Chlebda ⁴, Tomasz Łojewski ⁵ and Joanna Łojewska ⁴

¹ Malopolska Centre of Biotechnology, Jagiellonian University, Gronostajowa 7A, 30-387 Kraków, Poland

² Institute of the Environmental Sciences, Jagiellonian University, Gronostajowa 7, 30-387 Kraków, Poland; katarzyna.turnau@uj.edu.pl

³ Faculty of Chemical Engineering and Technology, Cracow University of Technology, Warszawska 24, 31-155 Kraków, Poland; jodlowski@chemia.pk.edu.pl

⁴ Faculty of Chemistry, Jagiellonian University, Ingardena 3, 30-060 Kraków, Poland; damian.chlebda@uj.edu.pl (D.K.C.); lojewska@chemia.uj.edu.pl (J.Ł.)

⁵ Faculty of Materials Science and Ceramics, AGH University of Science and Technology, al. Mickiewicza 30, 30-059 Kraków, Poland; lojewski@agh.edu.pl

* Correspondence: roman.jedrzejczyk@uj.edu.pl; Tel.: +48-12-664-6117

The relative content of ATP and AMP (expressed in the RLU - relative luminescence units) of selected fungi and bacteria for analysed materials (A) and their distribution within the samples (B).

The petri dishes which correspond to the reported new material (PZAg⁺_EDTA) were indicated by the "red dot" signs.

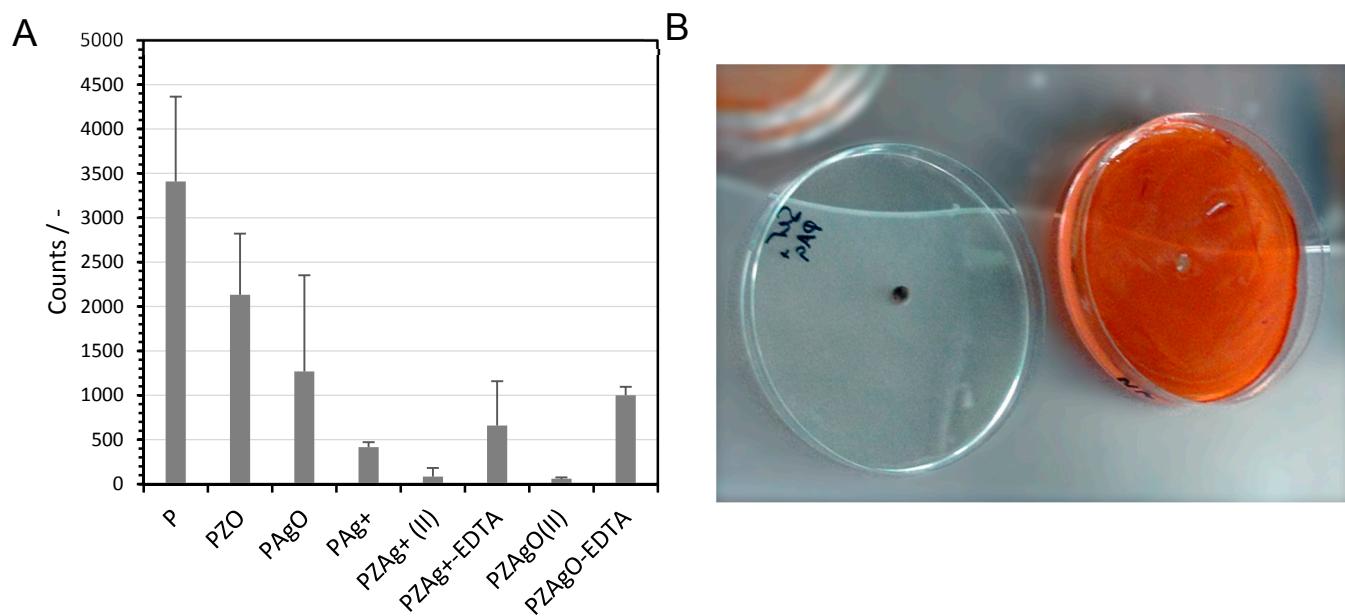
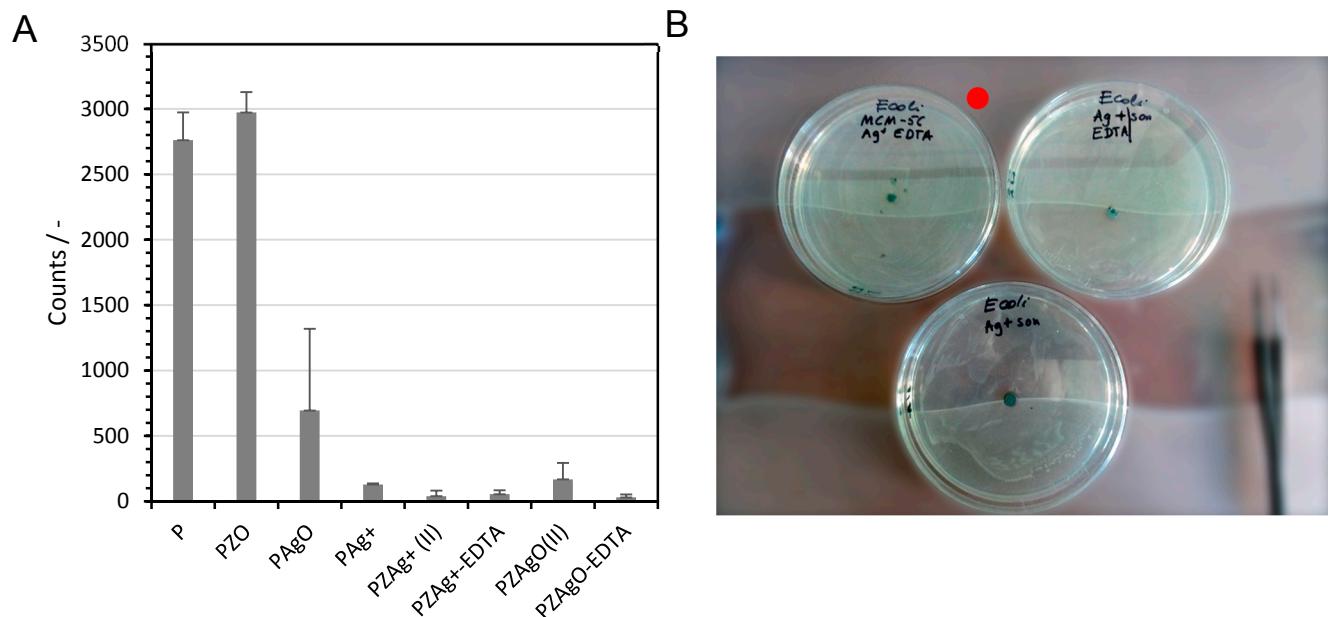
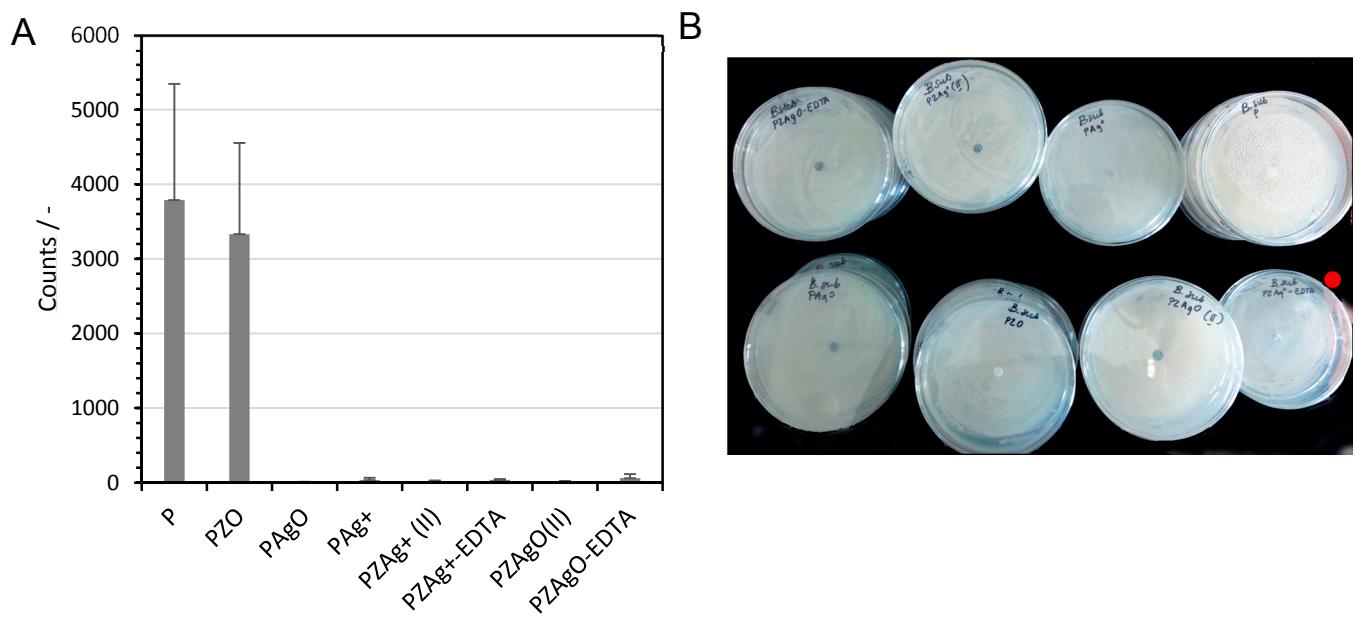
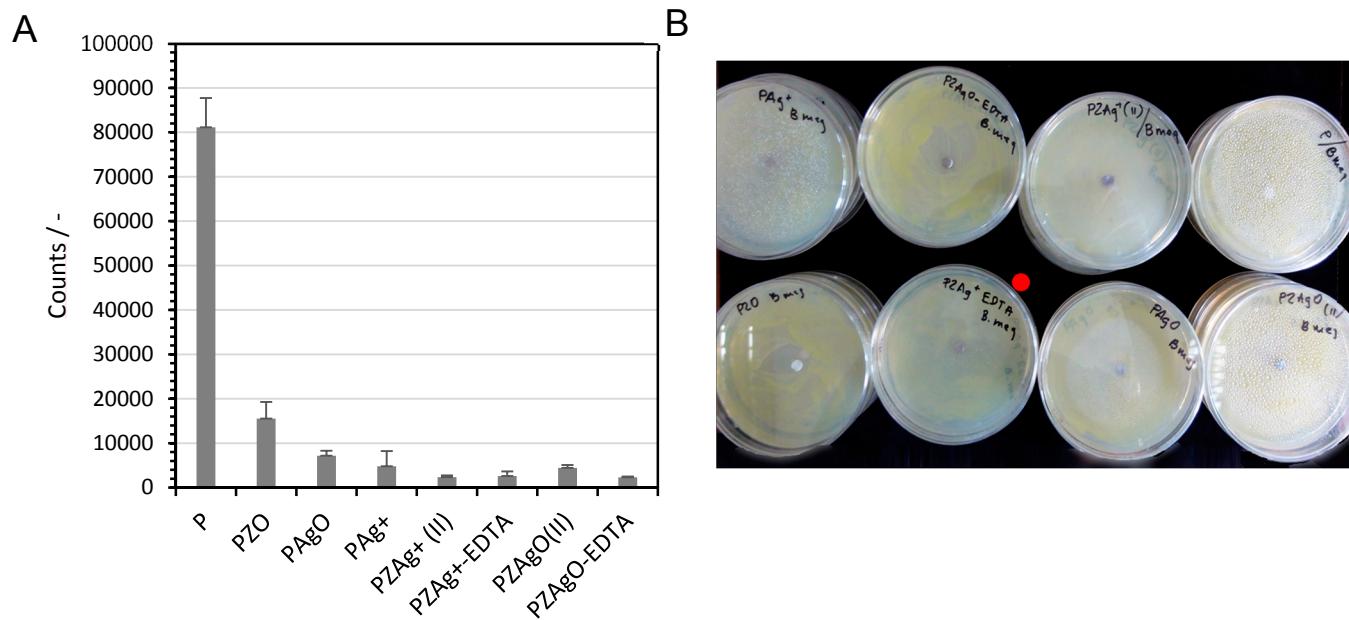
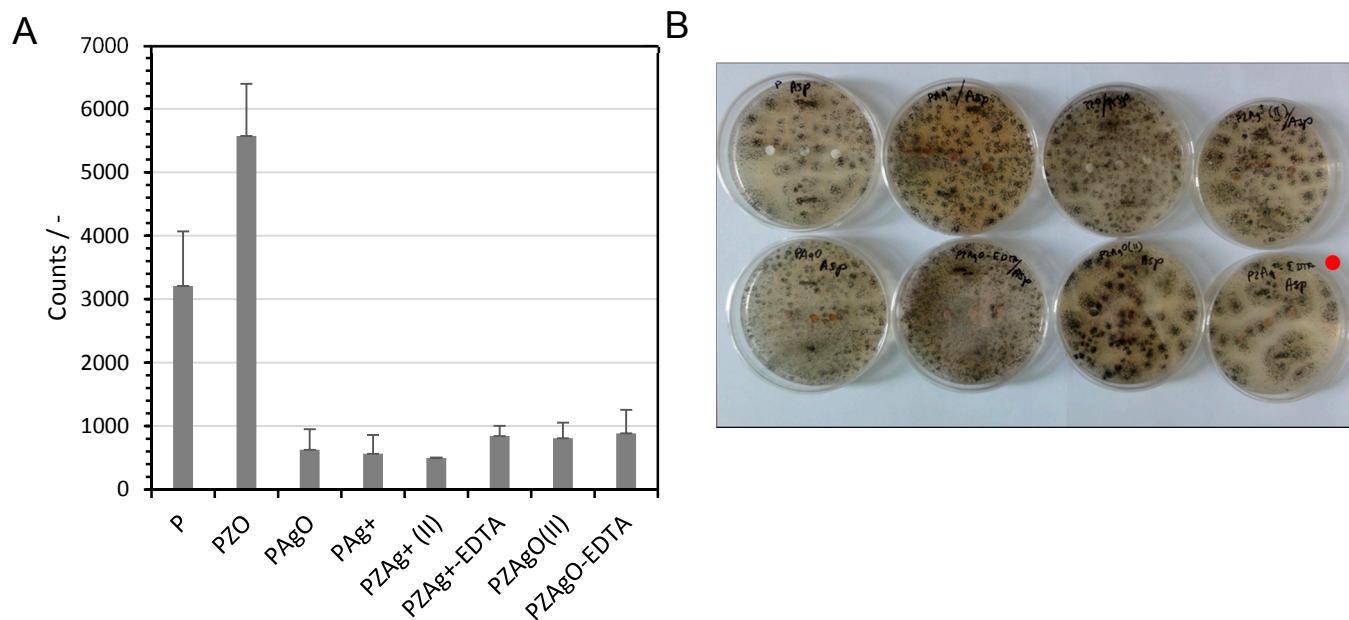
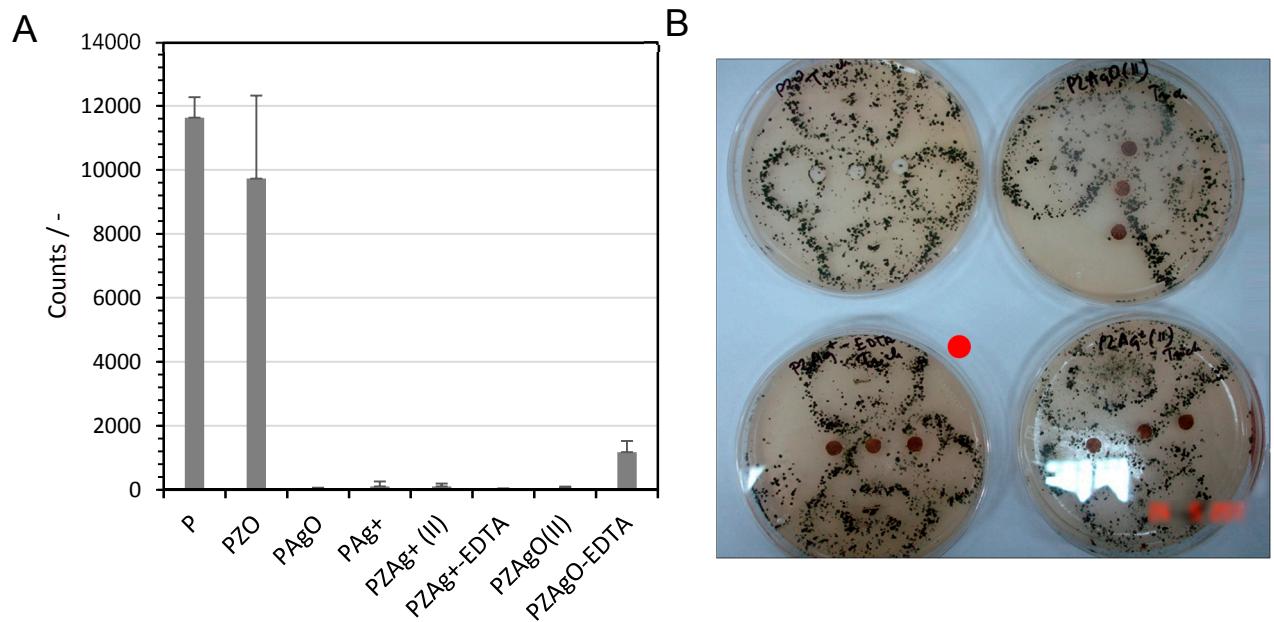
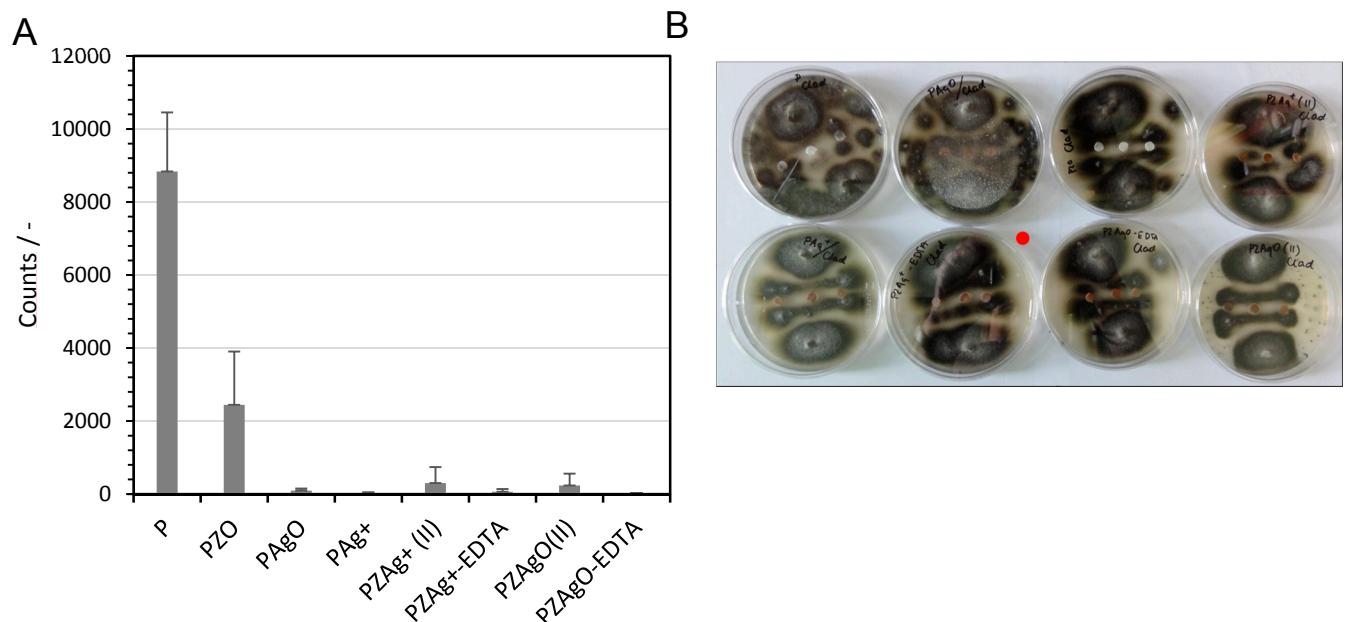
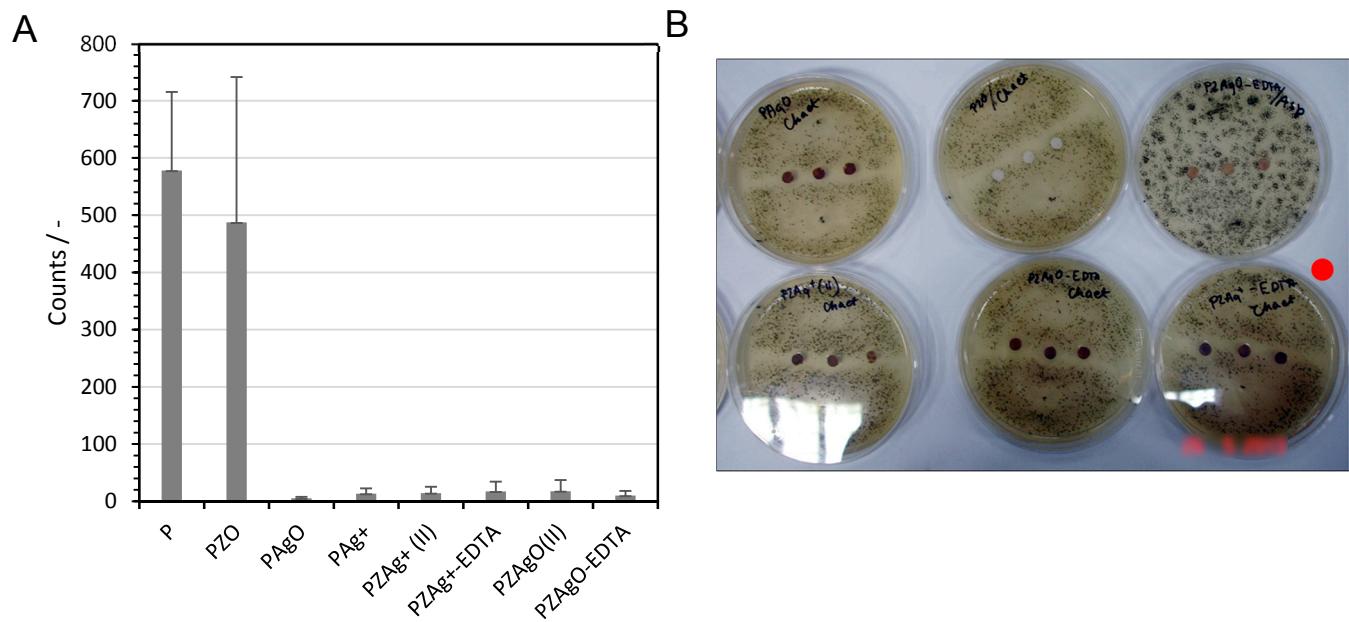
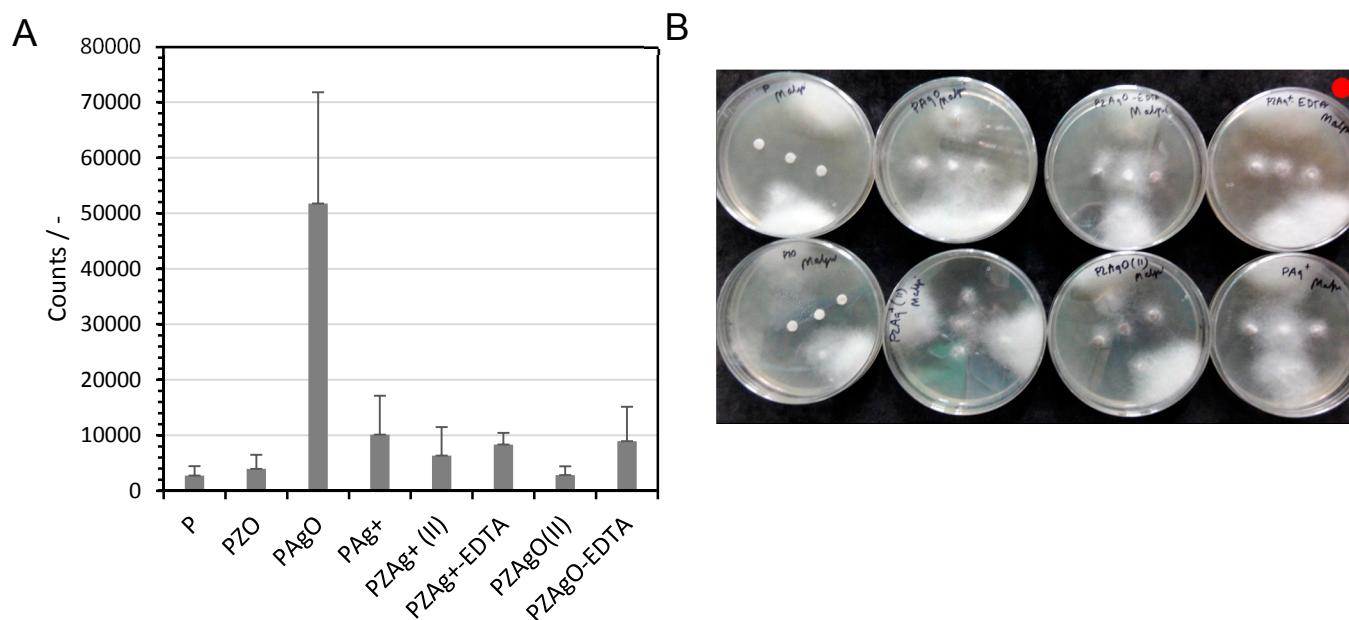


Figure S1 *Serratia marcescens*

**Figure S2** *Escherichia coli***Figure S3** *Bacillus subtilis*

**Figure S4** *Bacillus megaterium***Figure S5** *Aspergillus niger*

**Figure S6** *Trichoderma virdi***Figure S7** *Cladosporium cladosporioides*

**Figure S8** *Chaetomium globosum***Figure S9** *Mortierella alpina*