Environmental Science and Pollution Research (2024) 31:46123
https://doi.org/10.1007/s11356-024-34308-4

RETRACTION NOTE

Retraction Note: In vitro antioxidant, anticancer, anti-inflammatory, anti-diabetic and anti-Alzheimer potentials of innovative macroalgae bio-capped silver nanoparticles

Manal N. Abdel Azeem[1] · Osama M. Ahmed[1] · Mohamed Shaban[2,3] · Khaled N. M. Elsayed[4]

Published online: 9 July 2024

Retraction Note: Environmental Science and Pollution Research (2022) 29:59930-59947
https://doi.org/10.1007/s11356-022-20039-x

The Publisher has retracted this article in agreement with the Editor-in-Chief. An investigation by the publisher found a number of articles, including this one, with a number of concerns, including but not limited to compromised peer review process, inappropriate or irrelevant references, containing nonstandard phrases or not being in scope of the journal. Based on the investigation's findings the publisher, in consultation with the Editor-in-Chief therefore no longer has confidence in the results and conclusions of this article. The authors have not responded to correspondence regarding this retraction.

The original article can be found online at https://doi.org/10.1007/s11356-022-20039-x.

✉ Khaled N. M. Elsayed
k.elsayed@science.bsu.edu.eg

Manal N. Abdel Azeem
Manal.Noshy@science.bsu.edu.eg; sci.monia@yahoo.com

Osama M. Ahmed
osamamoha@yahoo.com; osama.ahmed@science.bsu.edu.eg

Mohamed Shaban
mssfadel@aucegypt.edu

[1] Physiology Division, Zoology Department, Faculty of Science, Beni-Suef University, Beni-Suef, Egypt

[2] Nanophotonics and Applications (NPA) Lab, Physics Department, Faculty of Science, Beni-Suef University, Beni-Suef 62514, Egypt

[3] Department of Physics, Faculty of Science, Islamic University in Almadinah Almonawara, 42351 Almadinah Almonawara, Saudi Arabia

[4] Botany and Microbiology Department, Faculty of Science, Beni-Suef University, Beni-Suef, Egypt