

Supplementary Material

Integrated Use of Bioaccumulation, Genotoxic, and Haematological Endpoints to Assess the Effect of Water Remediation Strategies on Fish Health: A Complementary Study

Cláudia Leopoldina Mieiro ^{1,2,*}, João Pedro Coelho ³, Ana Teresa Reis ^{4,5}, Diana Castro ⁶, Paula Figueira ^{7,8}, Filipe Martinho ², Miguel A. Pardal ², Eduarda Pereira ⁷, Mário Pacheco ¹ and Cláudia B. Lopes ^{7,9}

- ¹ CESAM—Centre for Environmental and Marine Studies & Department of Biology, University of Aveiro, 3810-193 Aveiro, Portugal
 - ² Centre for Functional Ecology (CFE), TERRA Associate Laboratory, Department of Life Sciences, University of Coimbra, Calçada Martim de Freitas, 3000-456 Coimbra, Portugal
 - ³ ECOMARE-Laboratory for Innovation and Sustainability of Marine Biological Resources, CESAM-Centre for Environmental and Marine Studies, Department of Biology, University of Aveiro, Estrada do Porto de Pesca Costeira, 3830-565 Gafanha da Nazaré, Portugal
 - ⁴ EPIUnit-Instituto de Saúde Pública, Universidade do Porto, Rua das Taipas, 135, 4050-600 Porto, Portugal
 - ⁵ Department of Environmental Health, Portuguese National Institute of Health, Rua Alexandre Herculano, 321, 4000-055 Porto, Portugal
 - ⁶ Department of Chemistry, University of Aveiro, 3810-193 Aveiro, Portugal
 - ⁷ Department of Chemistry & LAQV, REQUIMTE, University of Aveiro, 3810-193 Aveiro, Portugal
 - ⁸ CIIMAR—Interdisciplinary Centre of Marine and Environmental Research, 4450-208 Matosinhos, Portugal
 - ⁹ Department of Chemistry & CICECO—Aveiro Institute of Materials, University of Aveiro, 3810-193 Aveiro, Portugal
- * Correspondence: cmieiro@ua.pt

Experimental – characterization

Scanning Transmission Electron Microscopy (STEM) images were recorded with a 200 kV Hitachi SU-70 with Bruker Quantax 400 (B-U) EDS.

STEM analysis showed that silver dispersion (stock suspension) had a spherical appearance with a mean primary size particle diameter of 21.5 ± 8.3 nm (Figure S1).

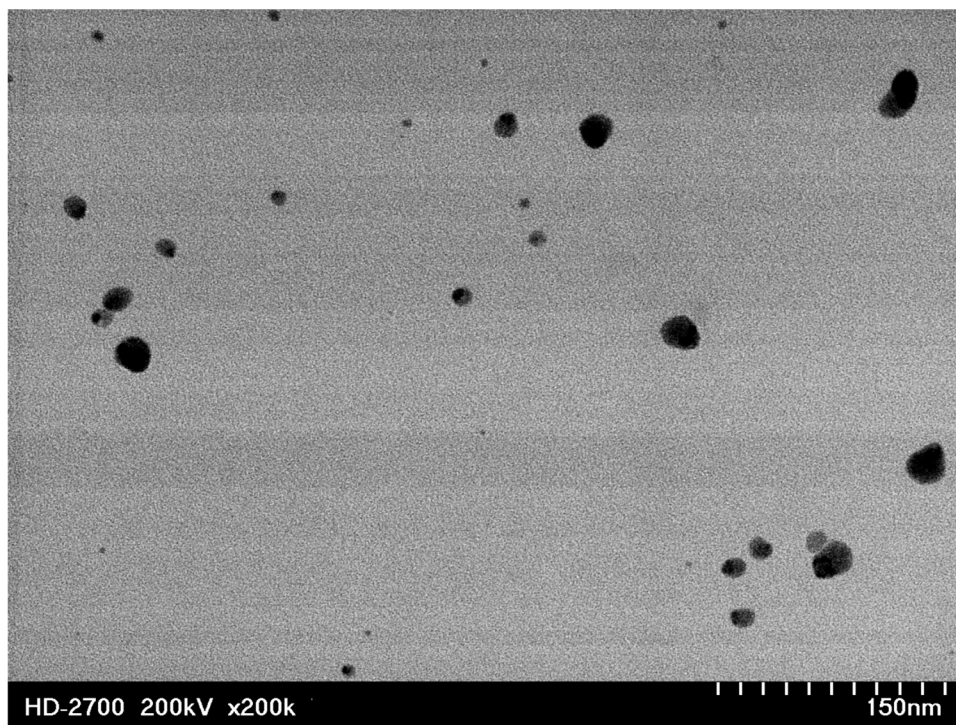


Figure S1. Scanning transmission electron microscope (STEM) images of silver nanoparticles (Ag NP) dispersion (stock suspension, scale 150 nm).