Supporting Information

Gold-Silver bimetallic nanoparticles reduced with herbal leaf extracts induce ROS-mediated death in both promastigote and amastigote stages of *Leishmania donovani*

Dayakar Alti[1], M. Veeramohan Rao [2], D. Narayana Rao[3], Radheshyam Maurya[1*] and Suresh K. Kalangi[4*]

[1]Department of Animal Biology, School of Life Sciences, University of Hyderabad, Hyderabad, Telangana -500046, India.

[2]Department of Physics, Pondicherry University, Puducherry-605014

[3]School of Physics, University of Hyderabad, Hyderabad, Telangana-500046, India.

[4]Amity Stem Cell Institute, Amity Medical School, Amity University Haryana, Pachgaon, Manesar Gurugram (HR)-122413, India.

Corresponding author Address

Suresh K. Kalangi, Ph.D.
Amity Stem Cell Institute,
Amitty Medical School,
Amity University Haryana,
Amity Education Valley, Pachgaon,
Manesar Gurugram (HR)-122413, India.
Email: skkalangi@ggn.amity.edu
Orchid ID: https://orcid.org/0000-0002-7328-9322

1. BNPs cytotoxicity against THP-1 macrophages

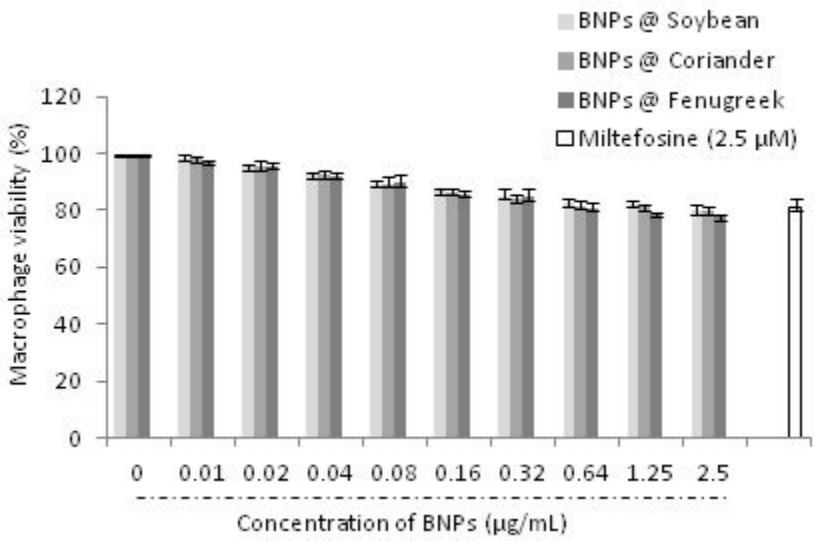

Figure S1: BNPs cytotoxicity against THP-1 macrophages; on the bar graph, X-axis represents the BNPs concentration between 0.01 to 2.5 µg/mL and Y-axis indicates the percentage of macrophage viability. Miltefosine (2.5 µM or 1 µg/mL) treatment was the positive control.