

ELECTRONIC SUPPLEMENTARY INFORMATION

Nanoparticle phosphate-based composites as vehicles for antimony delivery to macrophages: possible use in leishmaniasis

Betânia Mara Alvarenga,^a Maria Norma Melo,^b Frédéric Frézard,^c Cynthia Peres Demicheli,^d Juliana Moreira Mendonça Gomes,^a José Bento Borba,^d Nivaldo Lucio Speziale and José Dias Corrêa Junior^{*a}

a Departamento de Morfologia, Instituto de Ciências Biológicas, Universidade Federal de Minas Gerais, Av. Antônio Carlos 6627, Pampulha, 31270-901 Belo Horizonte, MG, Brazil b 20 Departamento de Parasitologia, Instituto de Ciências Biológicas, Universidade Federal de Minas Gerais, Av. Antônio Carlos 6627, Pampulha, 31270-901 Belo Horizonte, MG, Brazil c Departamento de Fisiologia e Biofísica, Instituto de Ciências Biológicas, Universidade Federal de Minas Gerais, Av. Antônio Carlos 25 6627, Pampulha, 31270-901 Belo Horizonte, MG, Brazil d Departamento de Química, Instituto de Ciências Exatas, Universidade Federal de Minas Gerais, Av. Antônio Carlos 6627, Pampulha, 31270- 901 Belo Horizonte, MG, Brazil e Departamento de Física, Instituto de Ciências Exatas, Universidade 30 Federal de Minas Gerais, Av. Antônio Carlos 6627, Pampulha, 31270- 901 Belo Horizonte, MG, Brazil

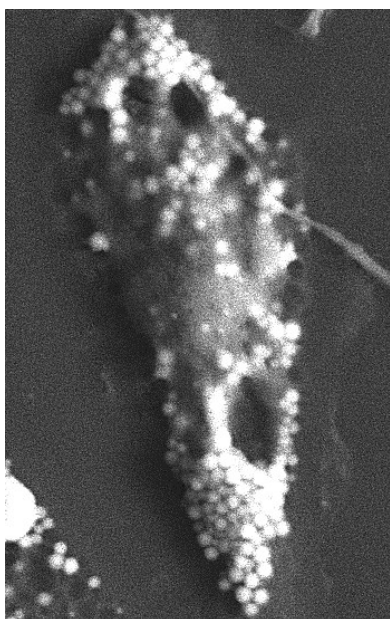


Fig. S1. Scanning electron micrograph of infected macrophage incubated with NPC3. Note the typical secondary electron aspect from the macrophage surface.

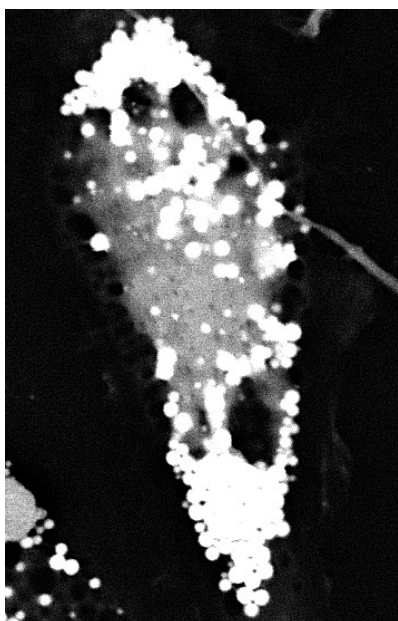


Fig. S2. Scanning electron micrograph of infected macrophage incubated with NPC3. Note the typical backscattered electron image showing NPC3 resembling white dots inside macrophage.

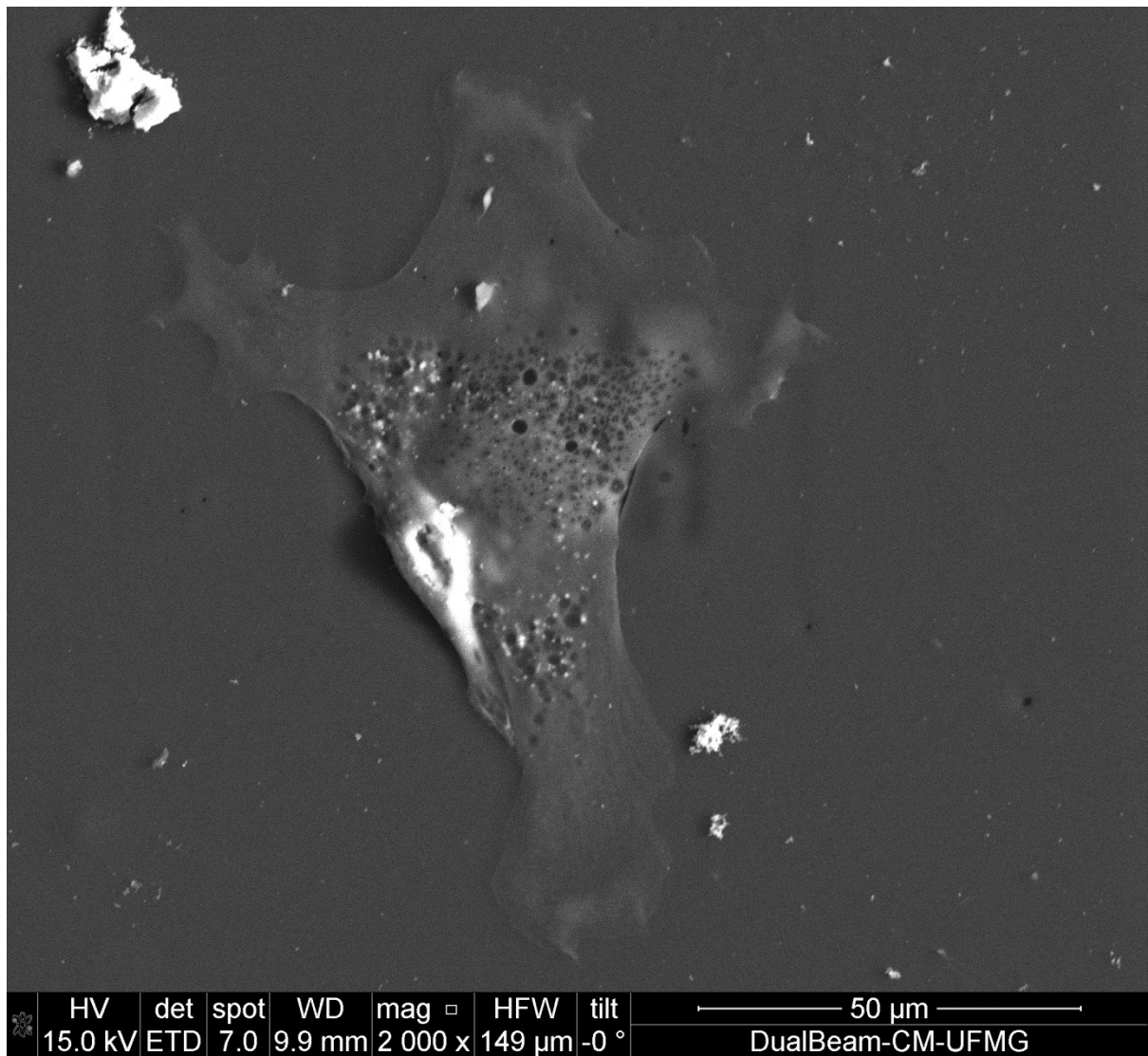


Fig. S3. Scanning electron micrograph of infected macrophage incubated with NPC3. Note the typical secondary electron aspect from the macrophage surface.

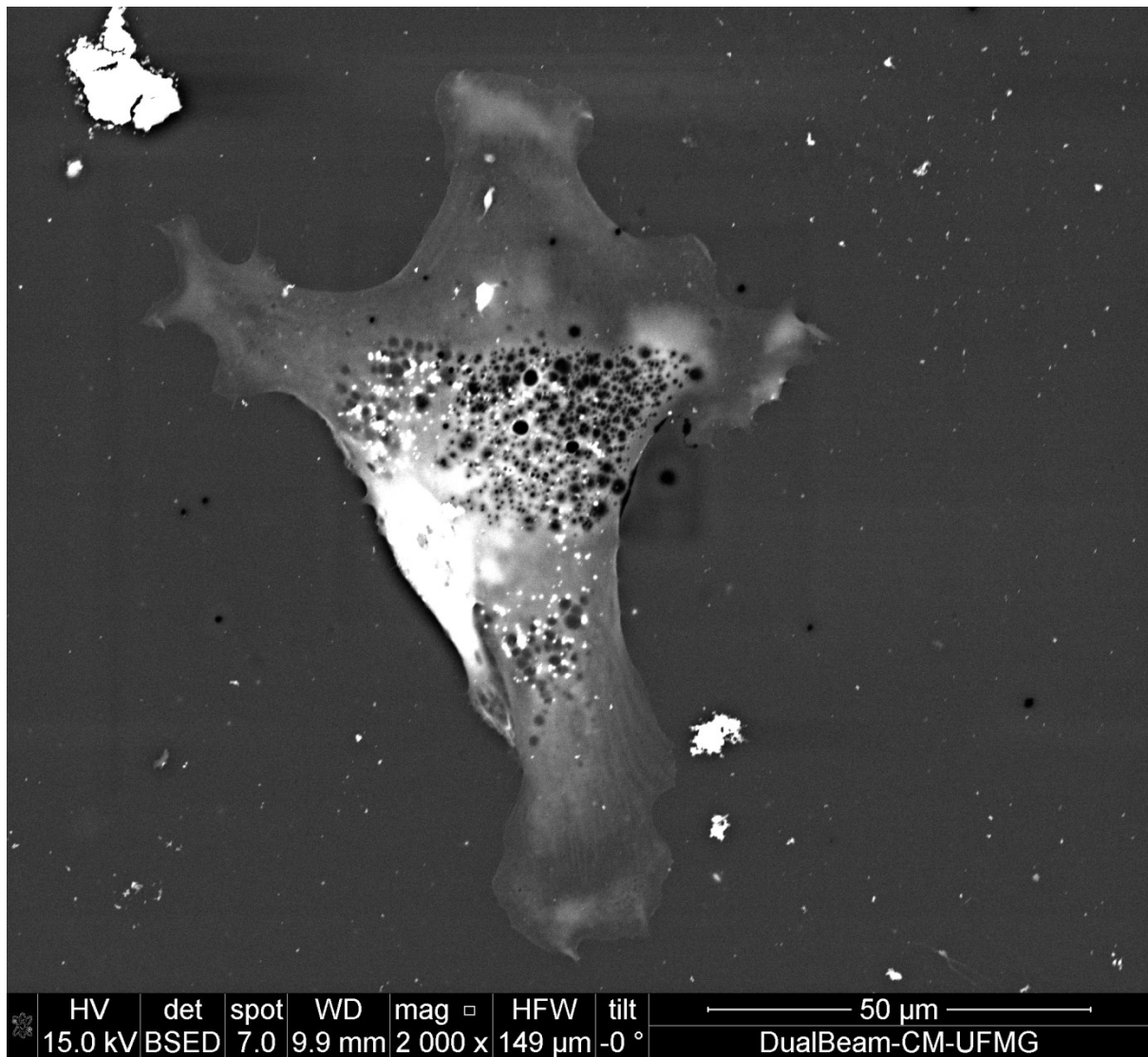


Fig. S4. Scanning electron micrograph of infected macrophage incubated with NPC3. Note the typical backscattered electron image showing NPC resembling white dots inside macrophage.

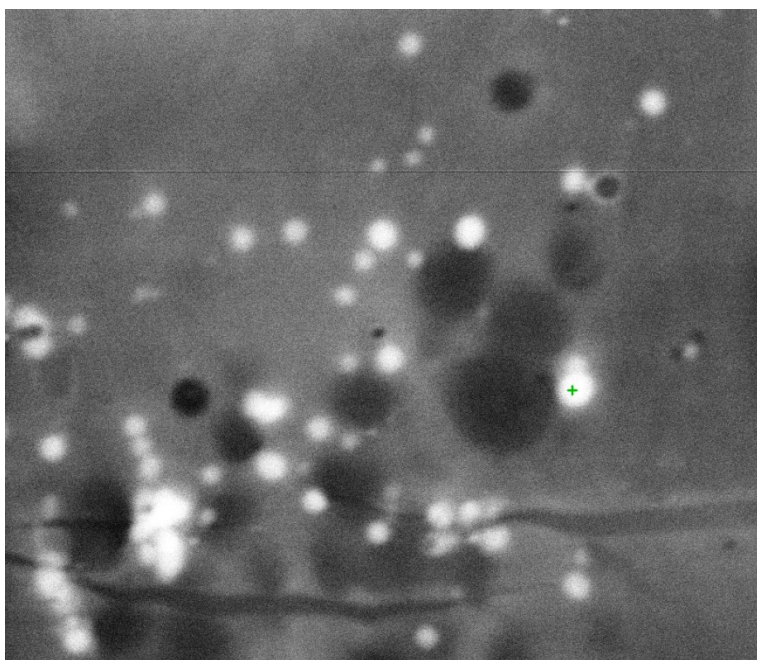


Fig. S5. Scanning electron micrograph of infected macrophage incubated with NPC3. High magnification from macrophage cytoplasmic region displayed in figure D. Note the typical backscattered electron image showing NPC resembling white dots inside macrophage.