

SUPPORTING INFORMATION:

In Vitro Activity against Trypanosomatideos of Polymeric Micro/Nanoparticles Loaded with 3-(Aryl)-6-piperazin-1,2,4-triazolo[3,4-a]phthalazines: Effect of Polymer Chain, Particle-Size and Controlled Release

Karina González,^{a,b} Ender Medina,^b Elena Aguilera,^c Gema González,^{d,e} Marcos A. Sabino,^{b*}
Angel H. Romero^{c*}

^aUnidad de Química Medicinal, Facultad de Farmacia, Universidad Central de Venezuela, Los Chaguaramos, 1041-A Caracas, Venezuela.

^bGrupo de Investigación B5IDA, Departamento de Química, Universidad Simón Bolívar, Sartenejas, 1080 Caracas, Venezuela.

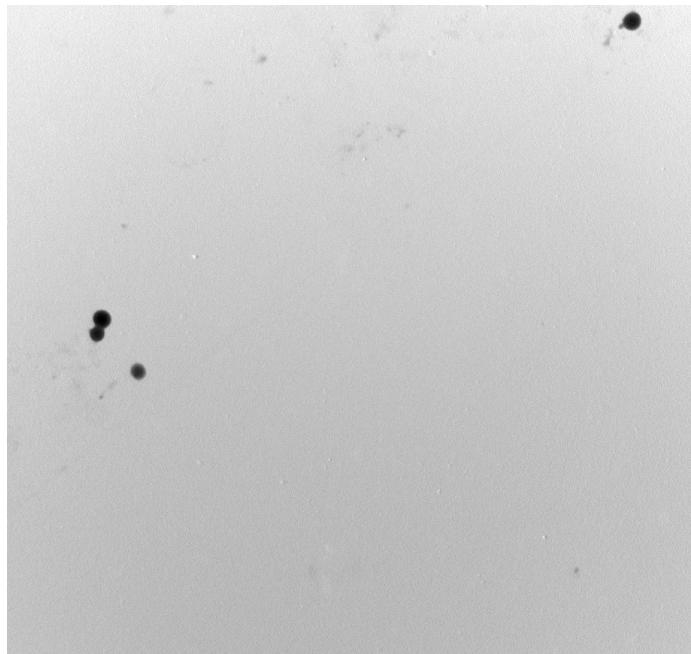
^cGrupo de Química Orgánica Medicinal, Instituto de Química Biológica, Facultad de Ciencias, Universidad de la República, Iguá 4225, 11400 Montevideo, Uruguay.

^dCentro de Ingeniería de Materiales y Nanotecnología, Laboratorio de Materiales, Instituto Venezolano de Investigaciones Científicas (IVIC), Carretera Panamericana Km 11, 20632 Caracas, Venezuela.

^eCurrent affiliation: Escuela de Física y Nanotecnología, Universidad Yachay, Ecuador.

***Corresponding authors:** A.H. Romero (angel.ucv.usb@gmail.com; aromero@fcien.edu.uy), M.A. Sabino (msabinog@gmail.com)

TEM Images for NP-based TF1 and TF2.....S2-S6



Muestra 3NO - 03

2 microns

Print Mag = 447x @ 6.99999969005585 mm
Acquired Nov 11 2020 at 4:12 p.m.

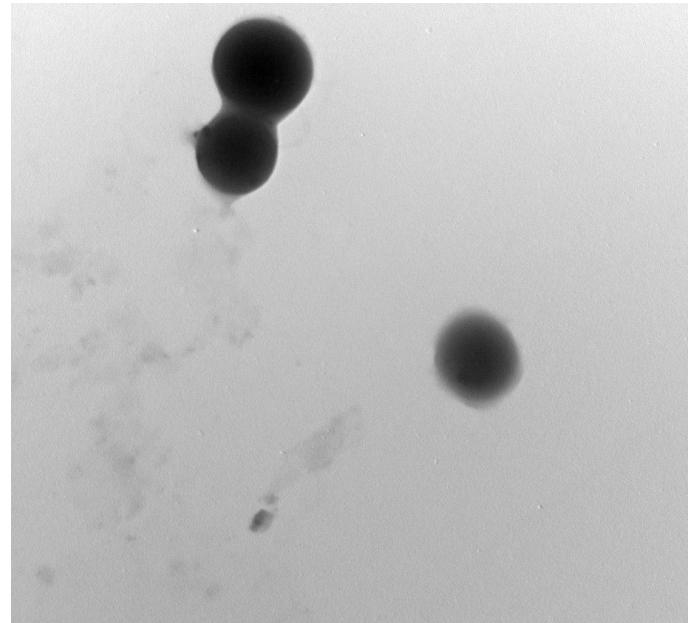
HV=100kV

TEM Mag = 8000x

X = Y =

AMT Preferred Customer

Figure S1. TEM for PLGA-TF1.



Muestra 3NO - 04

500 nm

Print Mag = 2796x @ 6.99999969005585 mm
Acquired Nov 11 2020 at 4:15 p.m.

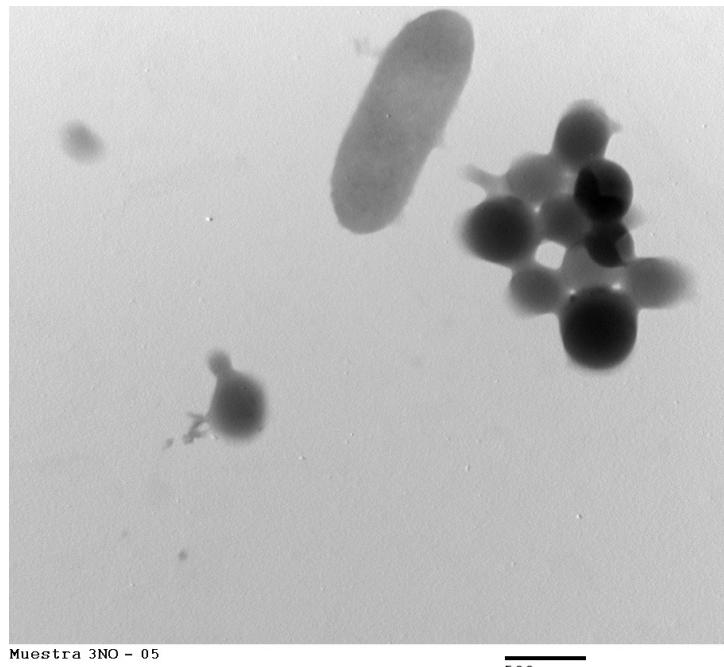
HV=100kV

TEM Mag = 50000x

X = Y =

AMT Preferred Customer

Figure S2. TEM for PLGA-TF1.



Muestra 3NO - 05

500 nm

Print Mag = 1398x @ 6.99999969005585 mm
Acquired Nov 11 2020 at 4:17 p.m.

HV=100kV
TEM Mag = 25000x
X = Y =
AMT Preferred Customer

Figure S3. TEM for PLGA-TF1.



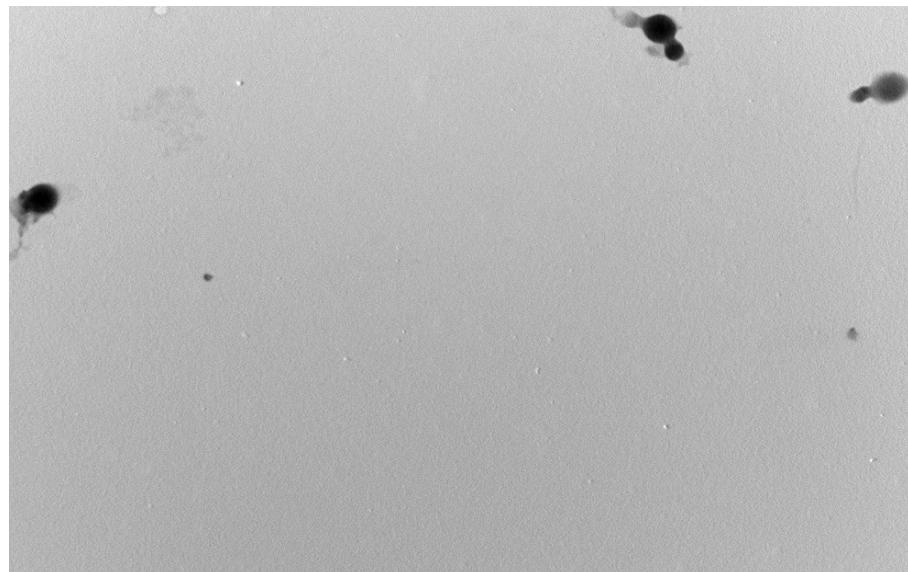
Muestra 3NO - 06

2 microns

Print Mag = 280x @ 6.99999969005585 mm
Acquired Nov 11 2020 at 4:20 p.m.

HV=100kV
TEM Mag = 5000x
X = Y =
AMT Preferred Customer

Figure S4. TEM for PLGA-TF1.



Muestra 3NO - 07

2 microns

Print Mag = 559x @ 6.99999969005585 mm
Acquired Nov 11 2020 at 4:21 p.m.

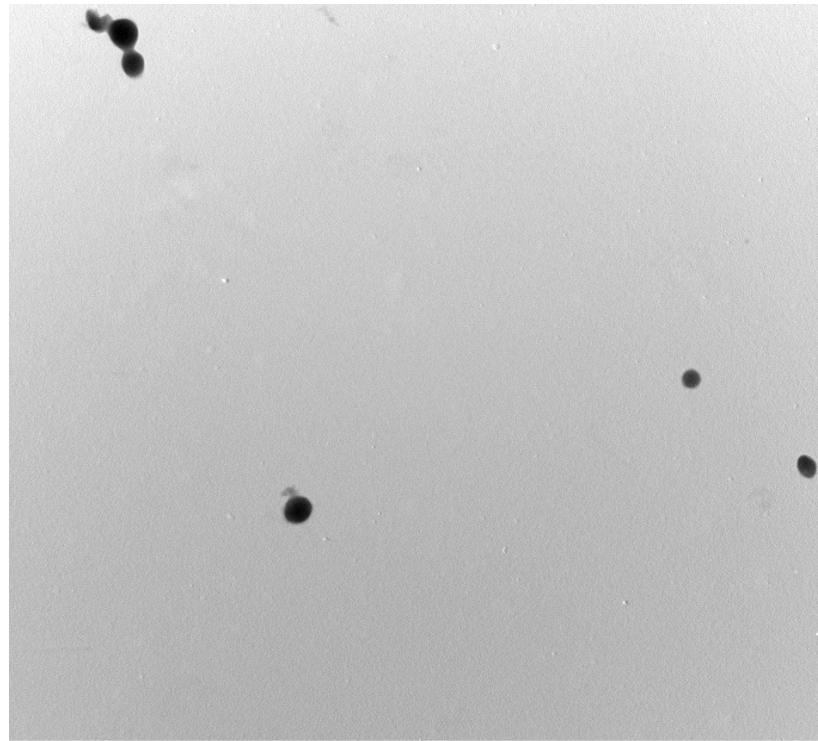
HV=100kV

TEM Mag = 10000x

X = Y =

AMT Preferred Customer

Figure S5. TEM for PLGA-TF1.



Muestra 3NO - 08

2 microns

Print Mag = 559x @ 6.99999969005585 mm
Acquired Nov 11 2020 at 4:22 p.m.

HV=100kV

TEM Mag = 10000x

X = Y =

AMT Preferred Customer

Figure S6. TEM for PLGA-TF1.

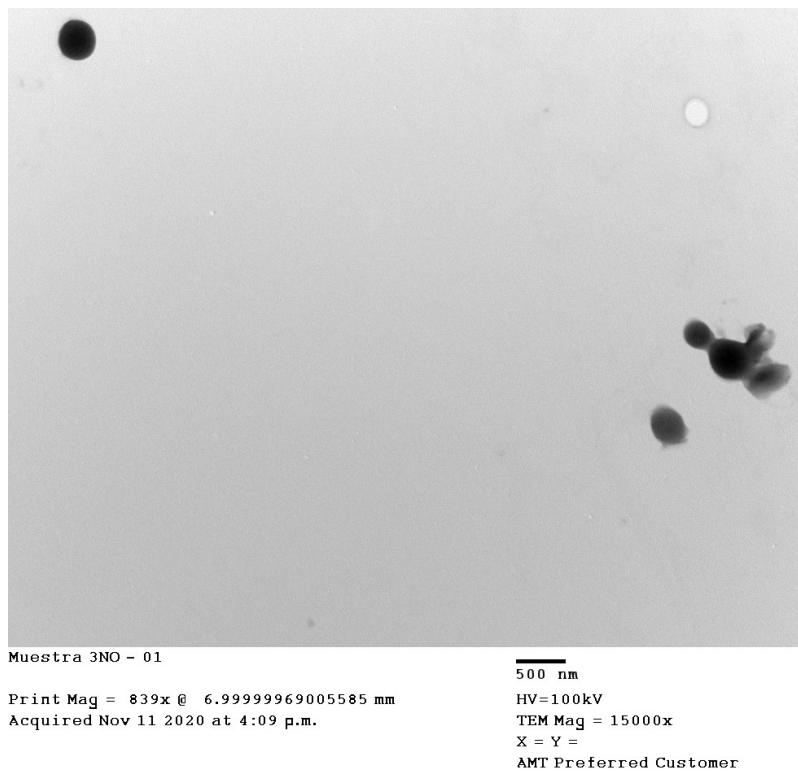


Figure S7. TEM for PLGA-TF1.

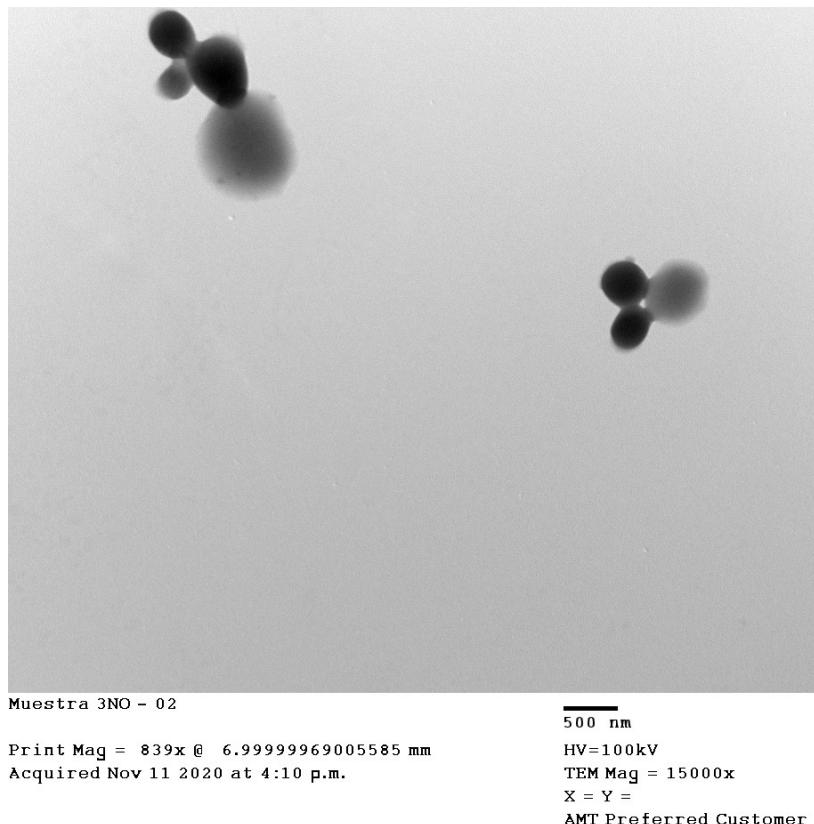
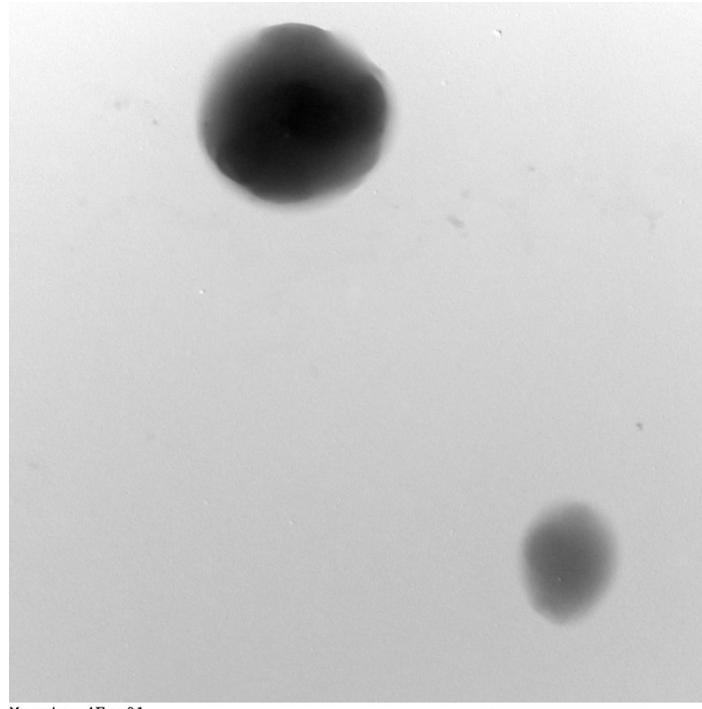


Figure S8. TEM for PLGA-TF1.



Muestra 4F - 01

500 nm

Print Mag = 2796x @ 6.99999969005585 mm
Acquired Nov 11 2020 at 3:53 p.m.

HV=100kV
TEM Mag = 50000x
X = Y =
AMT Preferred Customer

Figure S9. TEM for PLGA-TF2