

## Cytotoxicity and Slow Release of the Anti-Cancer Drug Doxorubicin from ZIF-8

Iane B. Vasconcelos<sup>a</sup>, Teresinha G. da Silva<sup>b</sup>, Gardenia C. G. Militão<sup>c</sup>, Thereza A. Soares<sup>d</sup>,  
Nailton M. Rodrigues<sup>e</sup>, Marcelo O. Rodrigues<sup>d,f</sup>, Nivan B. da Costa Jr.<sup>e</sup>, Ricardo O. Freire<sup>e</sup>  
and Severino A. Junior<sup>d,\*</sup>

### *Supplementary Information*

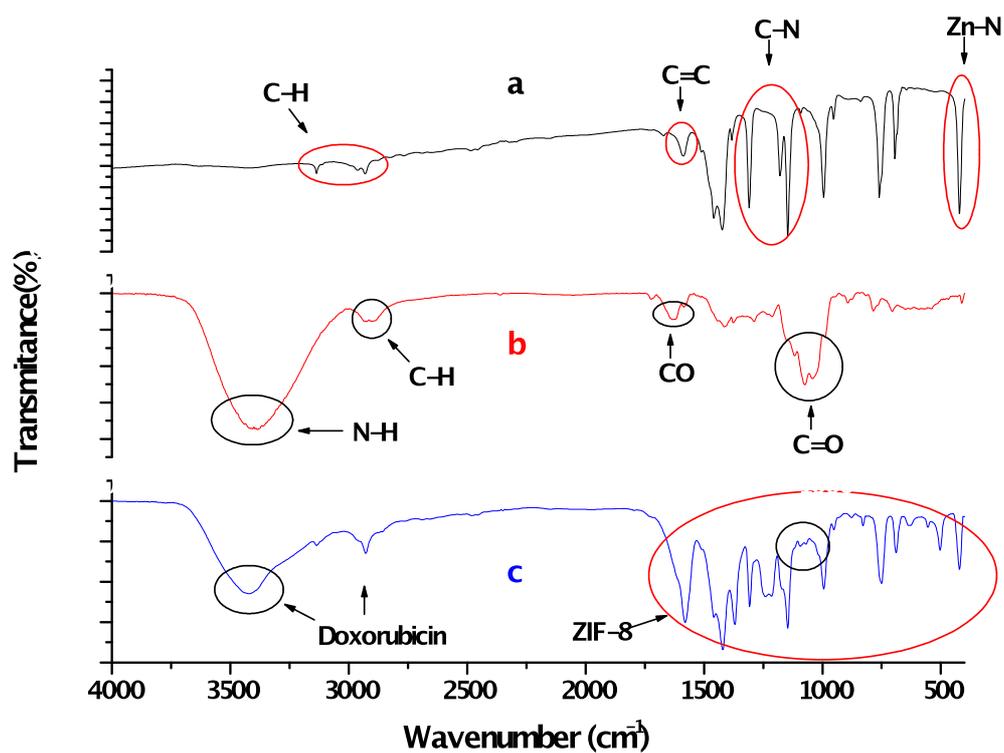


Figure S1. Infrared spectra for a) ZIF-8 b) doxorubicin and c) DOXO-ZIF-8.

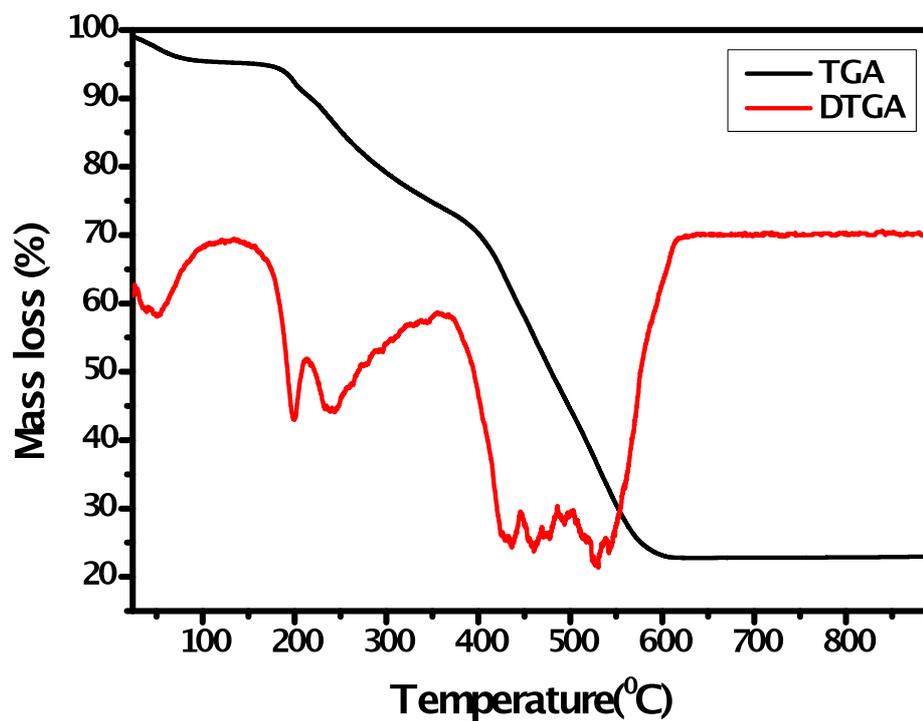


Figure S2. TGA/DTG curves for DOXO-ZIF-8.

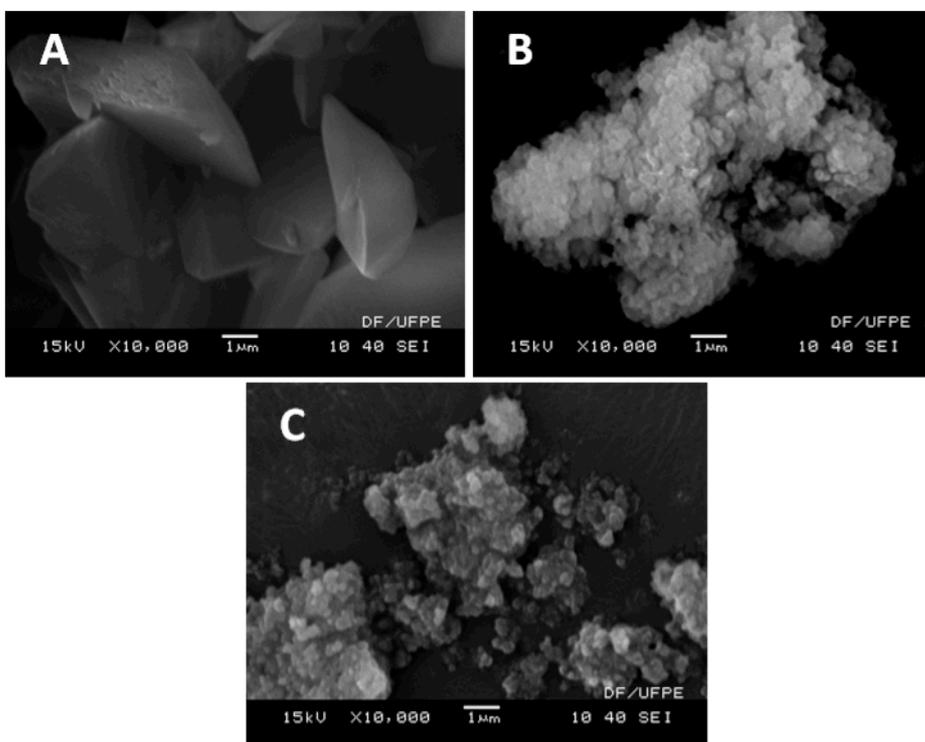


Figure S3. Micrographs from scanning electron microscopy of A) DOXO, B) ZIF-8 and C) DOXO-ZIF-8