

## Supporting Information

# Examination of biologically active nanocomplexes by Nanoparticle Tracking Analysis

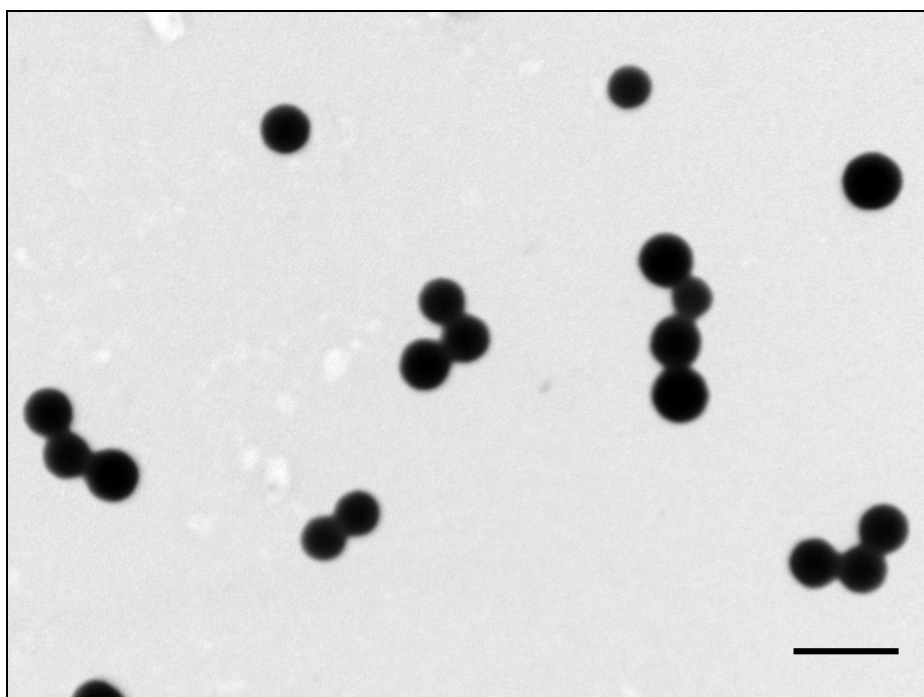
<sup>1</sup>Nikolai Nikitin\*, <sup>1</sup>Ekaterina Trifonova, <sup>1,3</sup>Olga Karpova and <sup>1,2,3</sup>Joseph Atabekov

<sup>1</sup>Department of Virology and <sup>2</sup>Belozersky Institute of Physico-chemical Biology of Moscow State

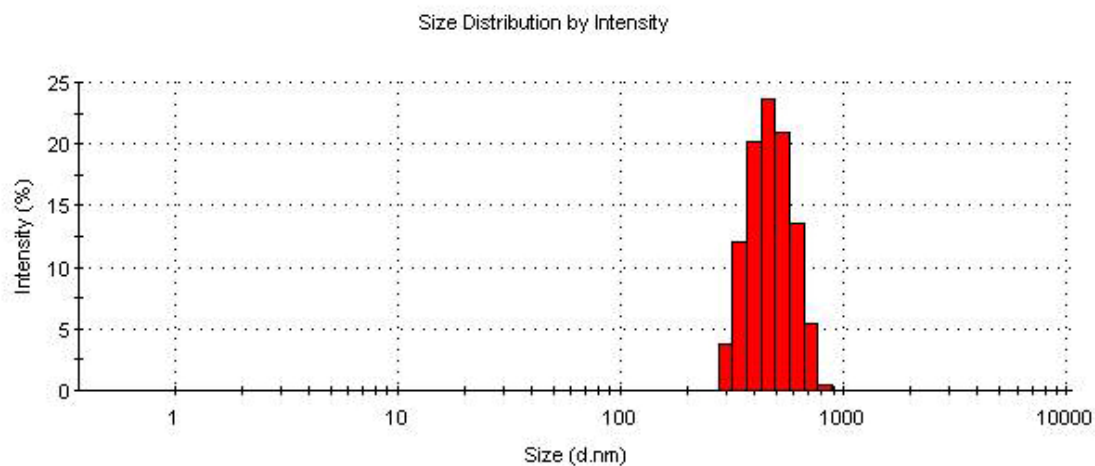
University, Moscow 119991, Russia; <sup>3</sup>Scientific and Potato Seed Producing Centrum, 2

Sovetskaya st., Moscow 143350, Russia; \*e-mail: nikitin@mail.bio.msu.ru

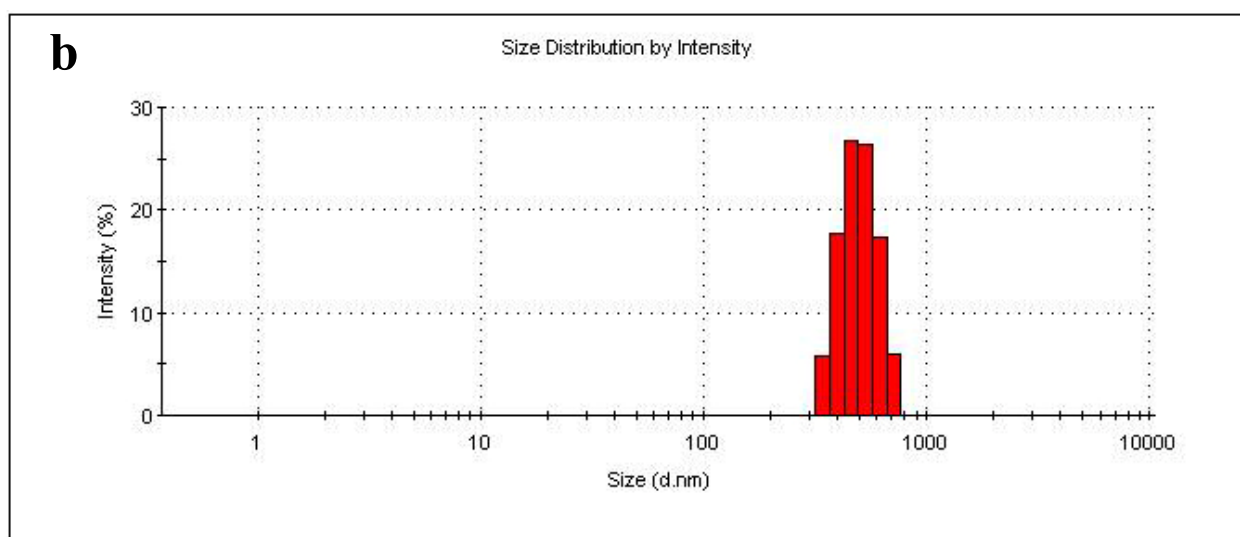
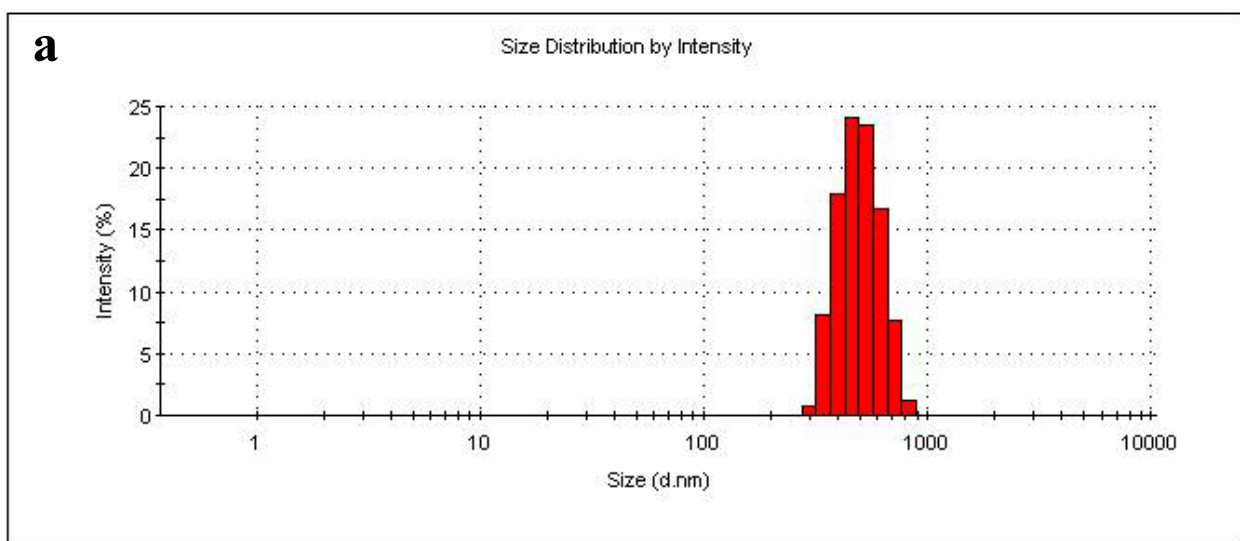
**a**



**b**



**Figure 1.** Analysis of the SPs-tetraepitope complexes by transmission electron microscopy (a) and dynamic light scattering (b). Bar, 1  $\mu\text{m}$ .



**Figure 2.** Analysis by dynamic light scattering of immunolabeled SPs-tetraepitope complexes associated with primary antibodies to Rubella virus and secondary antibodies conjugated with colloid gold size 12 nm (a) or fluorophore Alexa 546 (b).