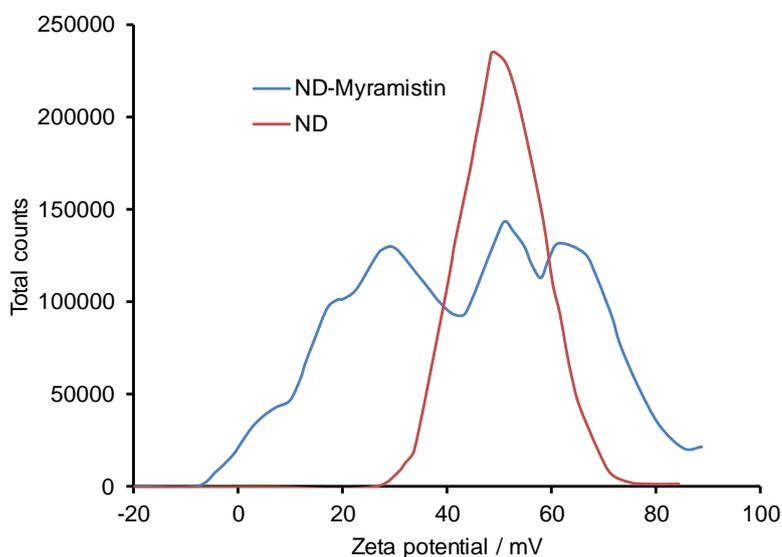


## **Reduction of cytotoxicity of Myramistin by adsorption on nanodiamonds**

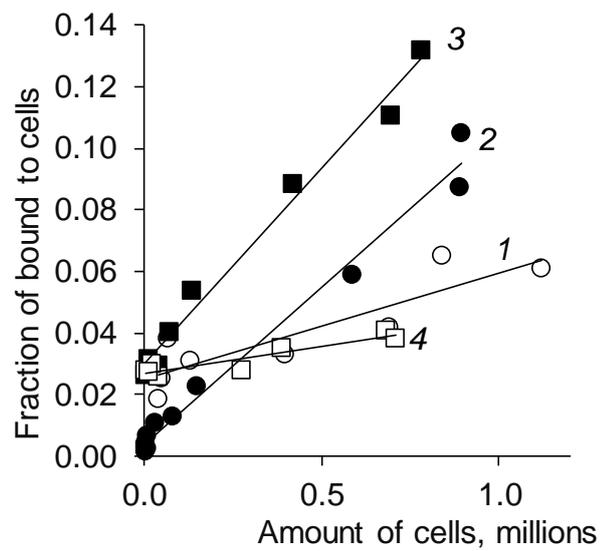
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Ivan Yu. Myasnikov, Vadim N. Tashlitsky and Gennadii A. Badun**

### **Zeta potential measurement**

The experiment was carried out using Zeta sizer Nano (Malvern). Suspension of NDs, and NDs-Myramistin in water was placed into U-tube for zeta potential measurements. Each measurement was repeated three times to confirm reproducibility. The data obtained were analyzed using Malvern software.



**Figure S1** Zeta potential distribution of free nanodiamonds and nanodiamonds modified with Myramistin in water suspension.



**Figure S2** The dependence of fraction of bound of labeled compound with MCF-7/R cells on cells amount: (1) NDs; (2) Myramistin; (3) Myramistin in the composite with NDs; (4) NDs in the composite with Myramistin.