

Additions and Corrections

Surface Hydrophobicity Modulates the Operation of Actomyosin-Based Dynamic Nanodevices

Dan V. Nicolau,* Geradin Solana, Murat Kekic, Florin Fulga, Chitladda Mahanivong, Jonathan Wright, and Cristobal G. dos Remedios *Langmuir* **2007**, 23, 10846–10854.

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Specific and Nonspecific Interaction Forces Between *Escherichia coli* and Silicon Nitride, Determined by Poisson Statistical Analysis

Nehal I. Abu-Lail and Terri A. Camesano* *Langmuir* **2006**, 22, 7296–7301.

Equations 3 and 4 are incorrect. The correct equations are below:

$$\mu_F = \mu F_i + F_o \quad (3)$$

$$\sigma_F^2 = \sigma^2 F_i^2 = \mu_F F_i - F_i F_o \quad (4)$$

The paragraph that follows eq 4 in the original text is changed as follows to address the new changes in the equations:

For our measurements, μ_F and σ_F^2 were taken as the average and the variance, respectively, of all of the pull-off forces measured on one cell (Table 1). A plot of σ_F^2 versus μ_F is shown in Figure 3. The slope of the linear regression line that passes through the data points shown in Figure 3 was taken to be the specific force, F_i , and the intercept was used to calculate the nonspecific forces, F_o . It should be noted that both μ and σ^2 in eqs 3 and 4 are dimensionless.

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