Corrigendum: Stochastic Individual-Based Modeling of Bacterial Growth and Division Using Flow Cytometry

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A corrigendum on

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1. There was a mistake in the writing of the cell growth term in Equation (2a) as published. The correct version appears below.

$$\frac{\partial p(t,x)}{\partial t} = \underbrace{\frac{\xi^2}{2}\frac{\partial^2 p(t,x)}{\partial x^2} - \mu \frac{\partial p(t,x)}{\partial x}}_{\text{cell growth}=\frac{\partial J(t,x)}{\partial x}} + \underbrace{2f_{X_d}(x)Z - f_{X_m}(x)Z}_{\text{division}} - \underbrace{p(t,x)\,Z}_{\text{normalization}} \qquad (1)$$

2. The same mistake is repeated in equation (A2a). The correct version appears below.

$$\frac{\partial p(t,x)}{\partial t} = \underbrace{\frac{\xi^2}{2}\frac{\partial^2 p(t,x)}{\partial x^2} - \mu \frac{\partial p(t,x)}{\partial x}}_{\text{cell growth}=\frac{\partial J(t,x)}{\partial x}} + \underbrace{4f_{X_d}(x)Z - f_{X_m}(x)Z}_{\text{division}} - \underbrace{3\,p(t,x)\,Z}_{\text{normalization}} \quad \text{being} \qquad (2)$$

The authors apologize for these mistakes. This error does not change the scientific conclusions of the article in any way.

The original article has been updated.

Conflict of Interest Statement: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.