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Corrigendum

Corrigendum to “Mechanokinetic model of cell membrane: Theoretical analysis of plasmalemma homeostasis, growth and division” [J. Theor. Biol. 249 (2007) 67–76]

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On page 70, Eq. 18 should read:

$$R_{ExL} = \begin{cases} R_{ExL0} & \text{for } u_z = 0 \\ r_{Ex} R_{ExL0} & \text{for } u_z > 0 \end{cases} \quad (\text{Eq. 18})$$

where R_{ExL0} is a constant value and r_{Ex} is the regulation factor.

On page 71, Table 1 should read:

Parameter	Value	Unit
k_B	$1.381 \cdot 10^{-23}$	$\text{J } ^\circ\text{K}^{-1}$
T	300	$^\circ\text{K}$
τ_0	$2.5 \cdot 10^{-2}$	N m^{-1}
n	10^{-2}	Å^{-2}
Δp_0	0	atm
K_V	10^4	atm
V_{El}	$1.5 \cdot 10^4$	μm^3

A_{vx}	$5 \cdot 10^{-2}$	μm^2
V_V	$2.5 \cdot 10^{-3}$	μm^3
ΔA_B	$2.5 \cdot 10^{-2}$	μm^2
n_{BR}	50	μm^{-2}
L	10^{-2}	$\mu\text{m atm}^{-1} \text{s}^{-1}$
λ	1	
k_s	$2.25 \cdot 10^{-4}$	$\mu\text{m s}^{-1}$
κ_s	1	
k_{En}	10^{-3}	$\mu\text{m}^{-2} \text{s}^{-1}$
k_{Ex}	$1.25 \cdot 10^{-3}$	$\mu\text{m}^{-2} \text{s}^{-1}$
r_{Ex}	0	
v_{B+}	10^{-4}	s^{-1}
v_{B-}	10^{-3}	s^{-1}
a_{En}	1	nm^2
a_{Ex}	1	nm^2
a_{B+}	1	nm^2
a_{B-}	1	nm^2
R_{EnL}	10	s^{-1}
R_{ExL0}	10	s^{-1}
$V(0)$	$4\pi R^3(0)/3$	

$R(0)$	18.796	μm
$A_X(0)$	2427.407	μm^2
$N_B(0)$	8.567	
$Z(0)$	0	μm
V_{min}	$5 \cdot 10^4$	μm^3
τ_{max}	10^{-3}	N m^{-1}
Z_{max}	$2R$	
u	$5 \cdot 10^{-3}$	$\mu\text{m s}^{-1}$

Tab. 1. The parameters of the standard cell model.

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