



Corrigendum: Correspondences Between Parameters in a Reaction-Diffusion Model and Connexin Function During Zebrafish Stripe Formation

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A corrigendum on

Correspondences Between Parameters in a Reaction-Diffusion Model and Connexin Function During Zebrafish Stripe Formation

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In the original article, there are errors. Interpretation of the parameter corresponding to the connexin defect in this model was incomplete.

A correction has been made on page 6 to the section 3 RESULTS, “3.3 Correspondence Between the Mathematical Model and Connexin Defects in Zebrafish Estimated from Molecular Function”: “ w has peaks with the peaks of producer U , and gates on cells assume passive effects on W movements. Defects of gate on a U cell will enclose W into the cell, then the production of W from U , i.e., p_{wu} , other than d_u will also be affected. If p_{wu} is decreased, v cells will be affected to decrease. However, the supply of w from other than u cells to the system will absorb the negative effects on v , even though the s_w in Table 1 is 0.0. Then the increase in d_u itself has the effect to decrease the concentration of W .”

Then parameters in Table 1, Figures 5A–D is as follows, 0.01, 1, 0.5, 0.5, 0.1, 1, 0.1, 1, 0.2, 1, 1, 0.5, 0.0.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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