

CORRECTION

Adaptation is not required to explain the long-term response of axons to molecular gradients

Jun Xu¹, William J. Rosoff¹, Jeffrey S. Urbach² and Geoffrey J. Goodhill^{3,*}

¹Department of Neuroscience, Georgetown University Medical Center, 3900 Reservoir Road NW, Washington, DC 20007, USA

²Department of Physics, Georgetown University, 37th and O Streets NW, Washington, DC 20057, USA

³Queensland Brain Institute, Department of Mathematics and Institute for Molecular Bioscience, University of Queensland, St Lucia, QLD 4072, Australia

There was an error published in *Development* **132**, 4545–4552.

The sentence on page 4550 ‘Following Berg and Purcell (Berg and Purcell, 1977), threshold detection of the gradient occurs when:

$$\bar{b}_i(t) = \sum_j \bar{b}(t) e^{-(\phi_i - \phi_j)^2 / 2\sigma_s^2},$$

where δ_{bin} is the uncertainty in the concentration measurement for one bin.’

should instead have read:

‘Following Berg and Purcell (Berg and Purcell, 1977), threshold detection of the gradient occurs when:

$$(n - k)m = \frac{\sqrt{2}\delta_{\text{bin}}}{\sqrt{k}},$$

where δ_{bin} is the uncertainty in the concentration measurement for one bin.’

The publishers apologise to the authors and readers for this mistake.