ERRATUM

Enhancement of homocysteine toxicity to insulin-secreting BRIN-BD11 cells in combination with alloxan

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The journal sincerely apologises for the following errors in this article published in August 2012 issue of the *Journal of Endocrinology* (vol **214**, page 233–238).

The name of the first author should be S M Scullion and not as published.

In the legend to Fig. 1, the levels of significance have been wrongly explained. The levels of significance

represented by symbols in the figure are: * $P < 0.05$, ** $P < 0.01$, *** $P < 0.0001$ compared with control. $\Delta\Delta P < 0.01$, $\Delta\Delta\Delta P < 0.001$ compared with 1.1 mM glucose.

In Fig. 2, Panel C, there is an error in the symbol representing the level of significance. The correct figure and legend is given in full below (Fig. 2):

Figure 2 Effects of chronic exposure to homocysteine (HC) on the insulin secretory responses to various secretagogues and the effect of a withdrawal period (18 h). BRIN-BD11 insulin-secreting cells were cultured for 72 h in the absence (A) or presence (B) of 250 μ M HC or with an 18-h recovery period (C) control culture conditions. Following 40 min preincubation in 1.1 mM glucose, cells were exposed to an acute 20 min incubation with 16.7 mM glucose together with 20 mM alanine (Ala), arginine (Arg) or keto-isocaproic acid (KIC), 200 μ M tolbutamide (Tol), 30 mM potassium chloride (KCl) or 7.68 mM calcium (Ca^{2+}) with or without 250 μ M HC. Values are mean $\pm$ s.e.m. ($n = 6$). ** $P < 0.01$, *** $P < 0.001$ compared with control. $\Delta\Delta P < 0.01$, $\Delta\Delta\Delta P < 0.001$ compared with effect without HC. + $P < 0.05$, ++ $P < 0.01$, +++ $P < 0.001$ compared with corresponding test agent in control culture.

In the Funding section the following sentence has been inadvertently left out. S M S was a recipient of a grant in the Erasmus Programme of the European Union.

In the Reference list, Lenzen & Panten (2008) should not have been included. The correct citation of Patterson *et al.* (2006*b*) should be as follows:

Patterson S, Flatt PR & McClenaghan NH 2006*b*

Homocysteine and other structurally-diverse amino thiols can alter pancreatic β cell function without evoking cellular damage. *Biochimica et Biophysica Acta* **1760** 1109–1114. (doi:10.1016/j.bbagen.2006.03.012)