Correction to “Quantitative Single-Cell Analysis of Signaling Pathways Activated Immediately Downstream of Histamine Receptor Subtypes”

In the above article [van Unen J, Rashidfarrokhi A, Hoogendoorn E, Postma M, Gadella Jr TWJ, Goedhart J, (2016) Mol Pharmacol 90:162–176], Figure 8 contained a typographical error. The correct legend reads as follows:

**Fig. 8.** Single-cell pharmacology using FRET biosensors. (A) Schematic overview of proposed G-protein selectivity at the four histamine receptor subtypes, based on the findings in this study. Open arrowheads indicate either direct or indirect activation. (B) HeLa cells transfected with H2R-p2A-RFP and the EPACV biosensor were stimulated with histamine (t = 32) and subsequently stimulated with mepyramine (t = 132), thioperamide (t = 172), and ranitidine (t = 212) (n = 21). Time traces show the average ratio change of YFP/CFP fluorescence (± S.E.M.). (C) Concentration-response curve showing the change in CFP/YFP ratio in HeLa cells transfected with the H1R-p2A-RFP and the Gaq biosensor upon titration of increasing amounts of histamine (black line, n = 26) or methylhistaprodifen (MHP) (red line, n = 17). (D) Concentration-response curve showing the change in YFP/CFP ratio upon titration of increasing amounts of histamine in HeLa cells transfected with the H1R-p2A-RFP and the Gaq biosensor upon titration of MHP (black line, n = 17) or methylhistaprodifen (red line, n = 10). (F) Concentration-response curve showing the change in CFP/YFP ratio upon titration of increasing amounts of histamine in HeLa cells transfected with either the H3R-p2A-RFP (n = 29) or H4R-p2A-RFP (n = 16) and the Gaq biosensor. HeLa cells in (C–E) were sequentially stimulated with cumulative concentrations of 100 nM, 1 μM, 10 μM and 100 μM histamine or 1 nM, 10 nM, 100 nM, 1 μM, 10 μM and 100 μM methylhistaprodifen. HeLa cells in (F) were sequentially stimulated with cumulative concentrations of 1 nM, 10 nM, 100 nM, 1 μM and 100 μM histamine. Error bars in (C–F) depict S.D.

All versions of the article have been corrected. The compositor regrets these errors and any inconvenience they may have caused.