CORRIGENDUM

Corrigendum: Dendrites of dentate gyrus granule cells contribute to pattern separation by controlling sparsity

Spyridon Chavlis, Panagiotis C. Petrantonakis, and Panayiota Poirazi
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After further review of figure 2, one of the co-authors noticed typographical errors in the data supplied in both graphic image and the legend. The correct figure and legend are provided below.
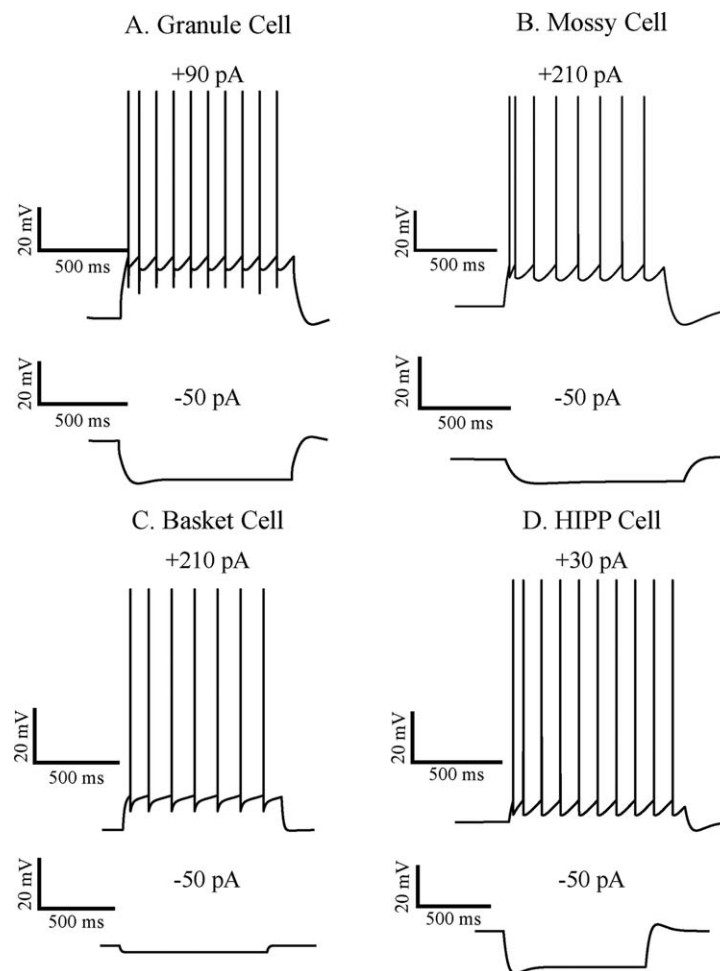

FIGURE 2. **Firing traces of the four model cells in response to current injection (1 s). Note that APs are not explicitly modeled in I & F neurons. A: The somatic membrane voltage of the granule cell (GC) model in response to +90 pA (top), and −50 pA (bottom) somatic current injections. B. Same as in A, for the mossy cell (MC) with +210 pA (top) and −50 pA (bottom) current injections. C. Same as in A, for the basket cell (BC), with +210 pA (top) and −50 pA (bottom) current injections. D. Same as in A, for the HIPP cell, with +30 pA (top) and −50 pA (bottom) current injections.**

Also, in Table 1, in the 4th (fourth) column, "Mossy cells", in the 4th (fourth) row under the heading "Model parameter" (C_m (nF) Membrane capacitance), the correct value is 0.252 (rather than 0.621). In addition, in the 4th (fourth) column, "Mossy cells", in the 8th (eighth) row the heading "Model parameter" (α (nS) Adaptation coupling parameter), correct value is 1.0 instead of 2.

In Table 4 in the row "Mossy cells", in the 2nd (second) column, the "Model" value is 180 instead of 105. Also, in the row "Mossy cells", in the 4th (fourth) column, the "Model" value is 45.6 instead of 33.7. Finally, in the row "Mossy cells", in the 6th (sixth) column, the "Model" value is 0.92 instead of 0.98.

The authors wish to ensure the readers are accurately informed about the data in this article