



**Figure 1.** Schematic diagram of the hippocampal circuit. The DG is connected to CA1, CA2, CA3, and CA4. CA1 is connected to CA2, CA2 to CA3, and CA3 to CA4. CA4 is connected to the subiculum. The diagram also shows the connections between the DG and CA1, CA2, CA3, and CA4, and between CA1, CA2, CA3, and CA4.