Figure S2. The main neurotransmitter systems presumed to be involved in the development of depression. The figure shows a simplified summary of two brain systems: the brain reward system (VTA- ventral tegmental area-nucleus accumbens (NAc) and VTA-prefrontal cortex pathways (FC)) and hippocampus (HP) - hypothalamic-pituitary-adrenal (HPA) pathway. Pro-inflammatory cytokines (TNF, IL-1, IL-6), released in response to a stress, disrupt monoaminergic and neurotrophic signalling. The VTA provides dopaminergic input to each of the limbic structures. NE and 5-HT innervate all of the regions shown.

