

IMPACT OF AVERSIVE EXPERIENCES ON INTERNEURONAL STRUCTURE, CONNECTIVITY AND PLASTICITY. IMPLICATIONS FOR MAJOR DEPRESSIVE DISORD

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In this presentation I will review recent work from our laboratory, performed in rodent models, on the impact of early-life stress on neuronal inhibitory networks in different regions of the CNS. I will focus mainly on alterations on the structure and connectivity of these neurons. Additionally, I will present data obtained in these models on the expression of molecules related to interneuronal plasticity, such as certain components of the extracellular matrix and cell adhesion molecules. These results will be confronted with published and recent data from the laboratory on postmortem material from psychiatric patients.