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Environmental enrichment results in both brain connectivity efficiency and selective improvement in different behavioural tasks

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Title page**Environmental enrichment results in both brain connectivity efficiency and selective improvement in different behavioural tasks.**

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Abbreviations

Environmental enrichment (EE); Open field (OP); Elevated zero-maze (EZM); Four-arm radial water maze (4-RAWM); 5-Choice-serial reaction time task (5-CSRTT); Morris Water Maze (MWM); Cytochrome c oxidase histochemistry (COx); Control group (CO); Trained group (TR); Environmental enrichment group (EE); Environmental enrichment + training (EEt); Time by Entries (TbE); medial Prefrontal cortex (mPFC); Cingulate cortex (Cg); Prelimbic cortex (PL); Infralimbic cortex (IL); Central amygdala (CeA); Basolateral amygdala (BIA); Dorsal hippocampal cornu Ammonis (dCA1, dCA3); Dorsal dentate gyrus (dDG); Ventral hippocampal cornu Ammonis (vCA1, vCA3); Ventral dentate gyrus (vDG); Mammillary body (MM); Supramammillary body (SUM).

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