

2. CONCLUSIONS

1. El present treball ha permès corroborar l'efecte facilitador de l'AEIC post-entrenament sobre l'aprenentatge i la consolidació de la memòria, fent-lo extensible a noves i rellevants situacions: l'envelliment i la memòria declarativa.

2. En posar de manifest l'efecte facilitador de l'AEIC post-entrenament en rates velles, constatem que el poder modulador d'aquest tipus de tractament podria tenir lloc al llarg de tota la vida, essent d'extraordinari interès per a l'estudi i desenvolupament de teràpies de recuperació de la capacitat de memòria en situacions de neurodegeneració normal i patològica relacionades amb l'envelliment.

3. El tractament post-entrenament d'AEIC pot tenir també efectes beneficiosos sobre la memòria declarativa, cosa que incrementa l'interès sobre les seves possibilitats moduladores i terapèutiques.

4. Els paràmetres del tractament d'AEIC, en especial el número de sessions d'estimulació, podrien ser rellevants sobretot en relació als efectes a llarg termini d'aquest tipus de tractament.

5. La generalització dels efectes facilitadors de l'AEIC a diferents tipus de situacions i tipus de memòria, així com les dades prèvies sobre l'activació cortical que genera, recolzen la hipòtesi del seu mode d'acció mitjançant l'activació de múltiples sistemes neuroquímics d'arousal capaços de modular els processos cognitius del cervell dels primats superiors.

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