



Neurobiologia de l'ús excessiu dels dispositius electrònics pel joc i les relacions socials

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CONFLICTE D'INTERÈS:
CAP CONFLICTE D'INTERÈS

DEFINICIÓ ADDICCIÓ (WIKIPEDIA):

Addiction is a biopsychosocial disorder characterized by compulsive engagement in rewarding stimuli despite adverse consequences.

Despite the involvement of a number of psychosocial factors, a biological process —one that is induced by repeated exposure to an addictive stimulus—is the core pathology that drives the development and maintenance of an addiction.

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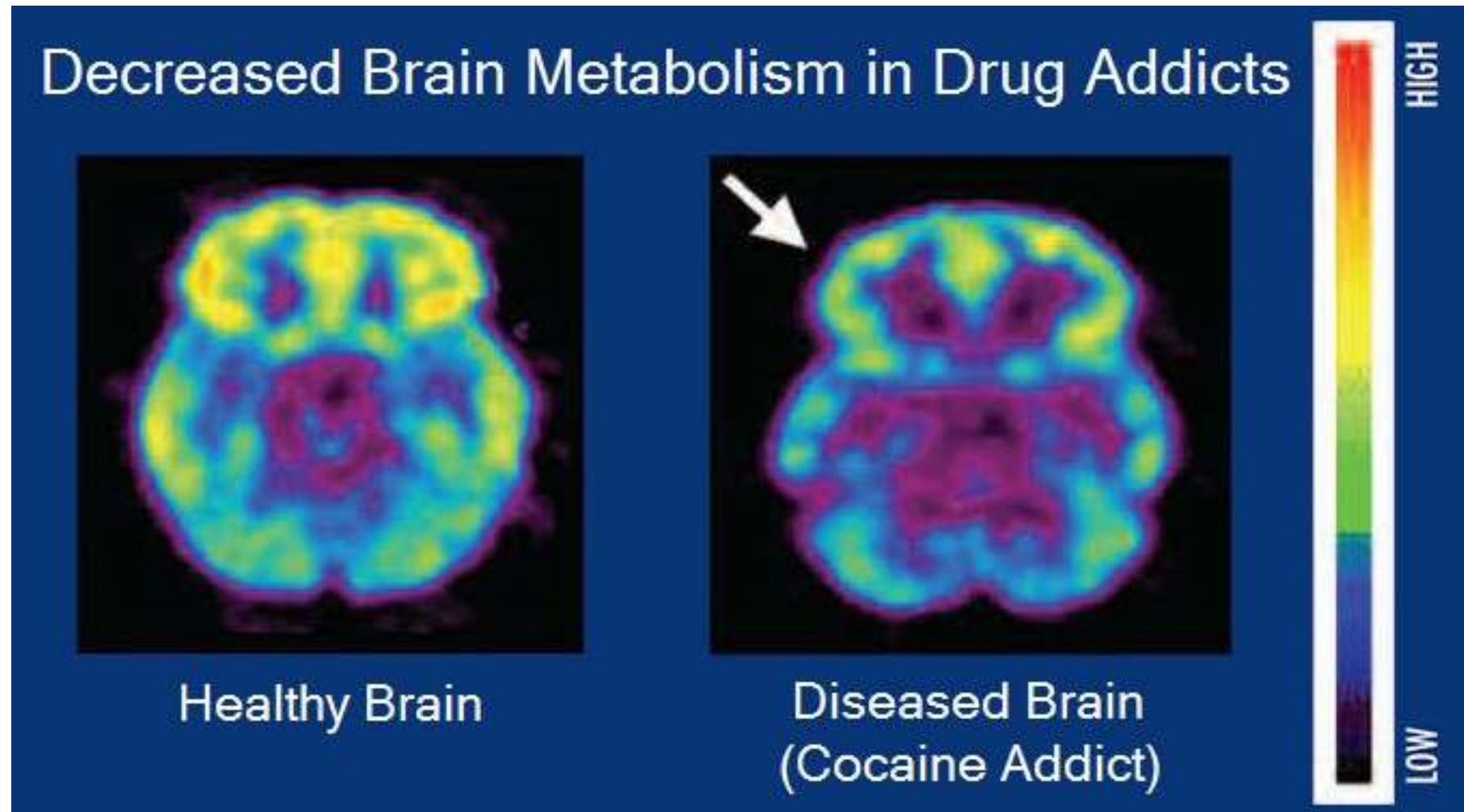
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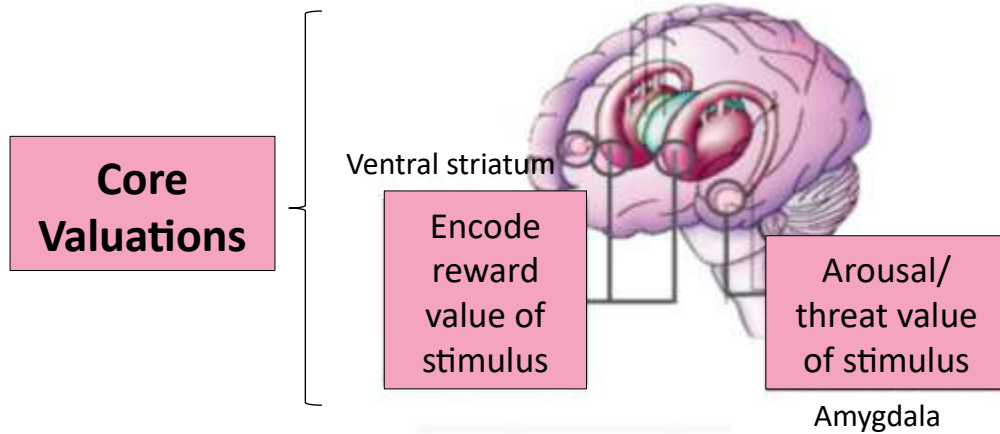
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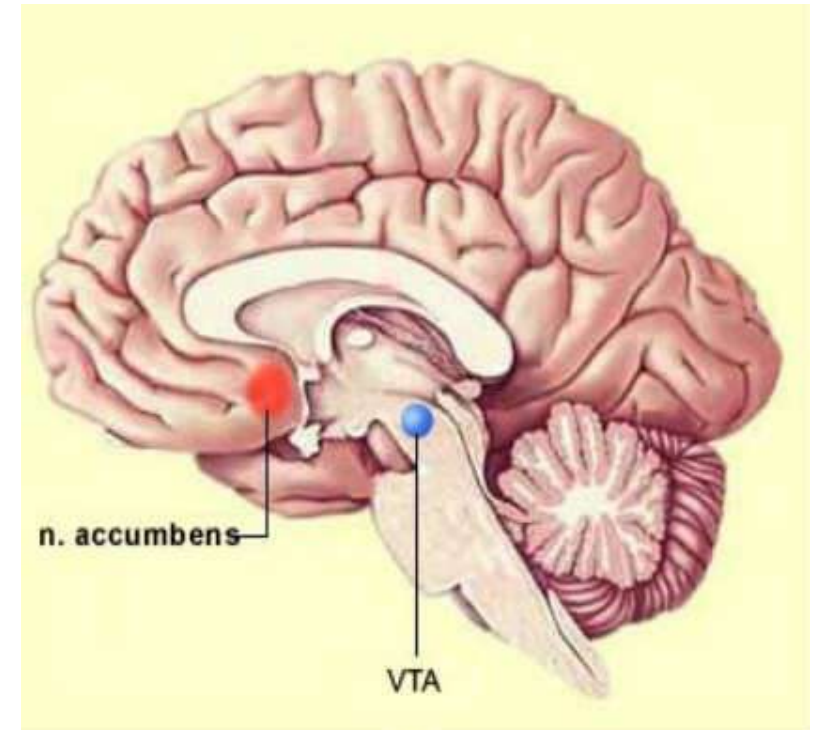
FOTO QUE IL·LUSTRA LA DEFINICIÓ D'ADDICCIÓ (WIKIPEDIA)



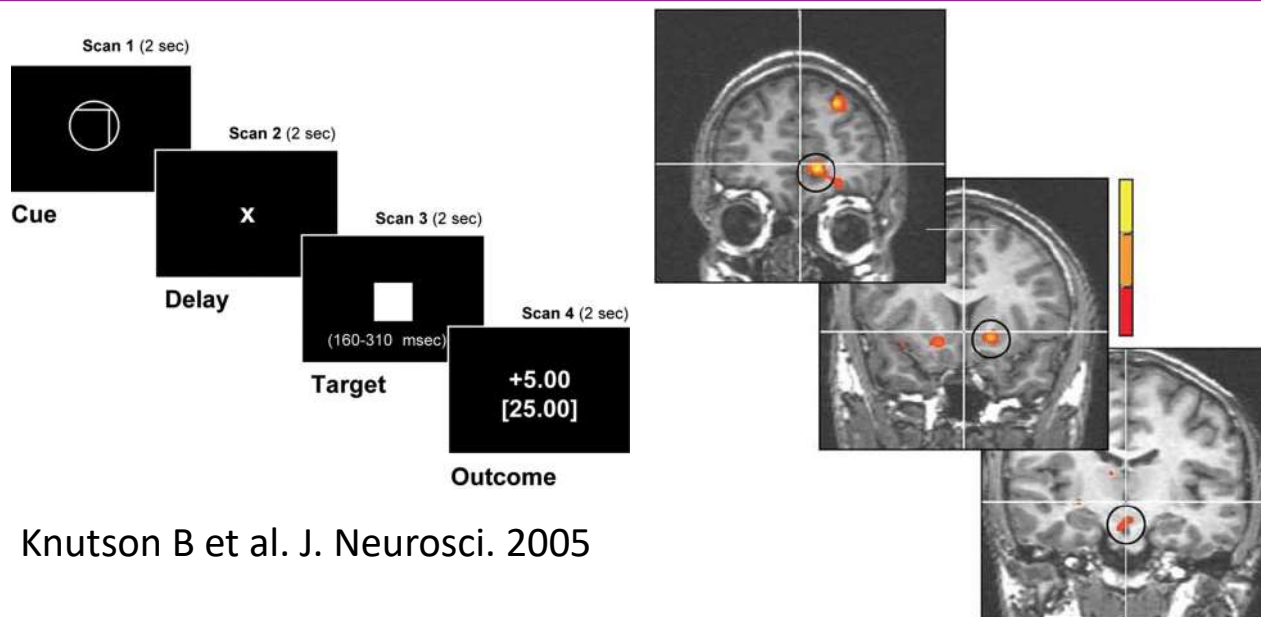
BASES NEURALS PROCESSAMENT EMOCIONAL



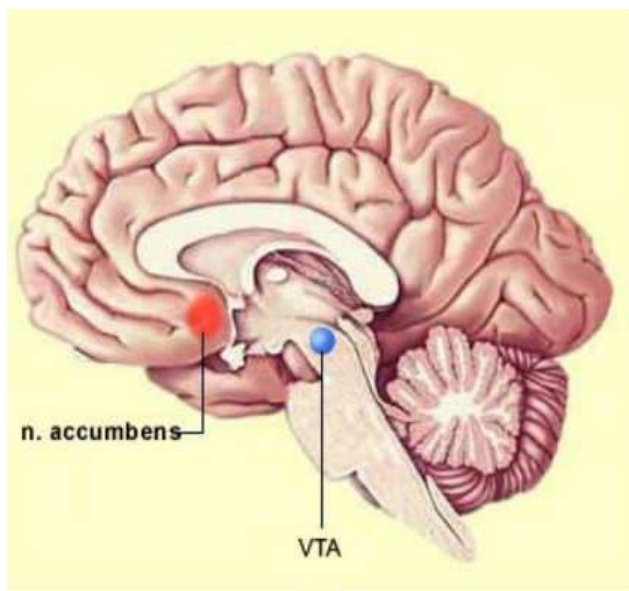
Ochsner & Gross, 2014



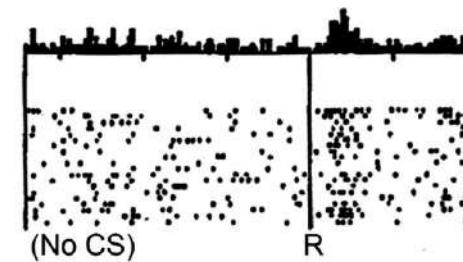
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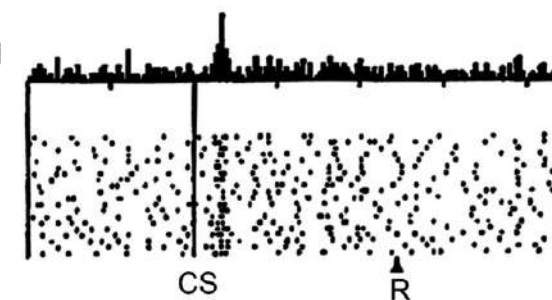
Knutson B et al. J. Neurosci. 2005



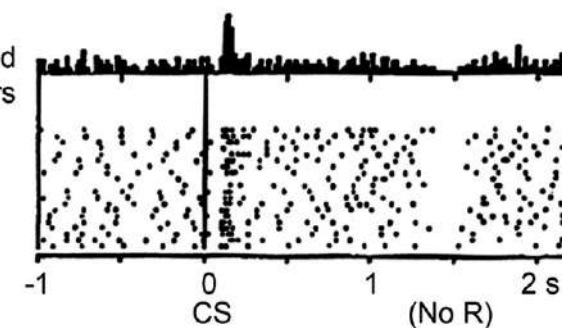
No prediction
Reward occurs



Reward predicted
Reward occurs



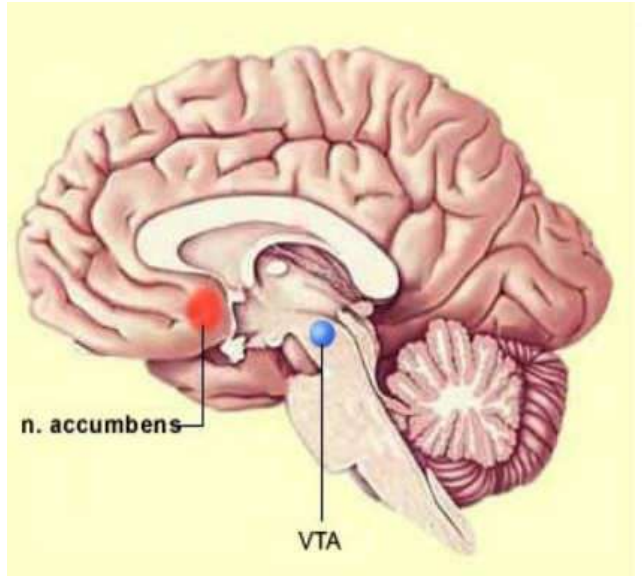
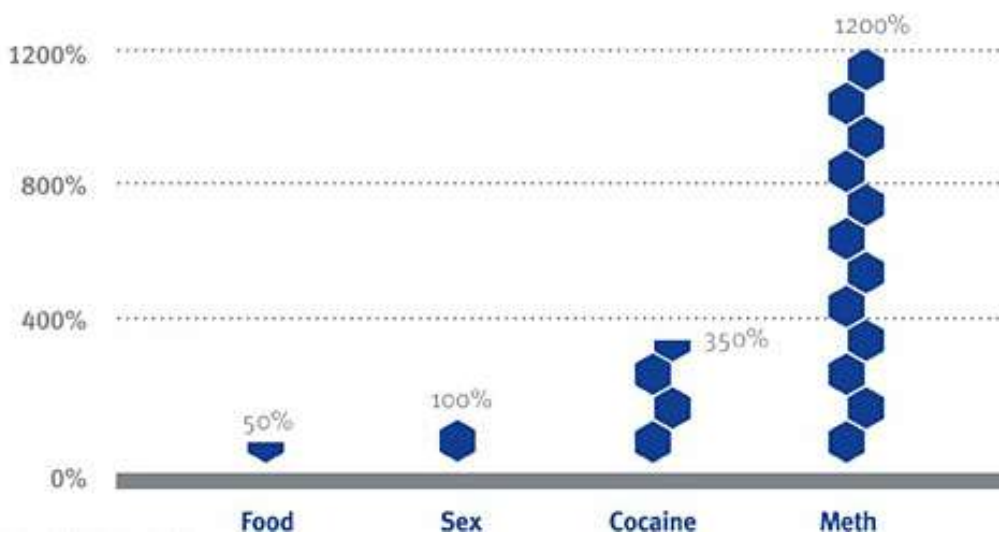
Reward predicted
No reward occurs



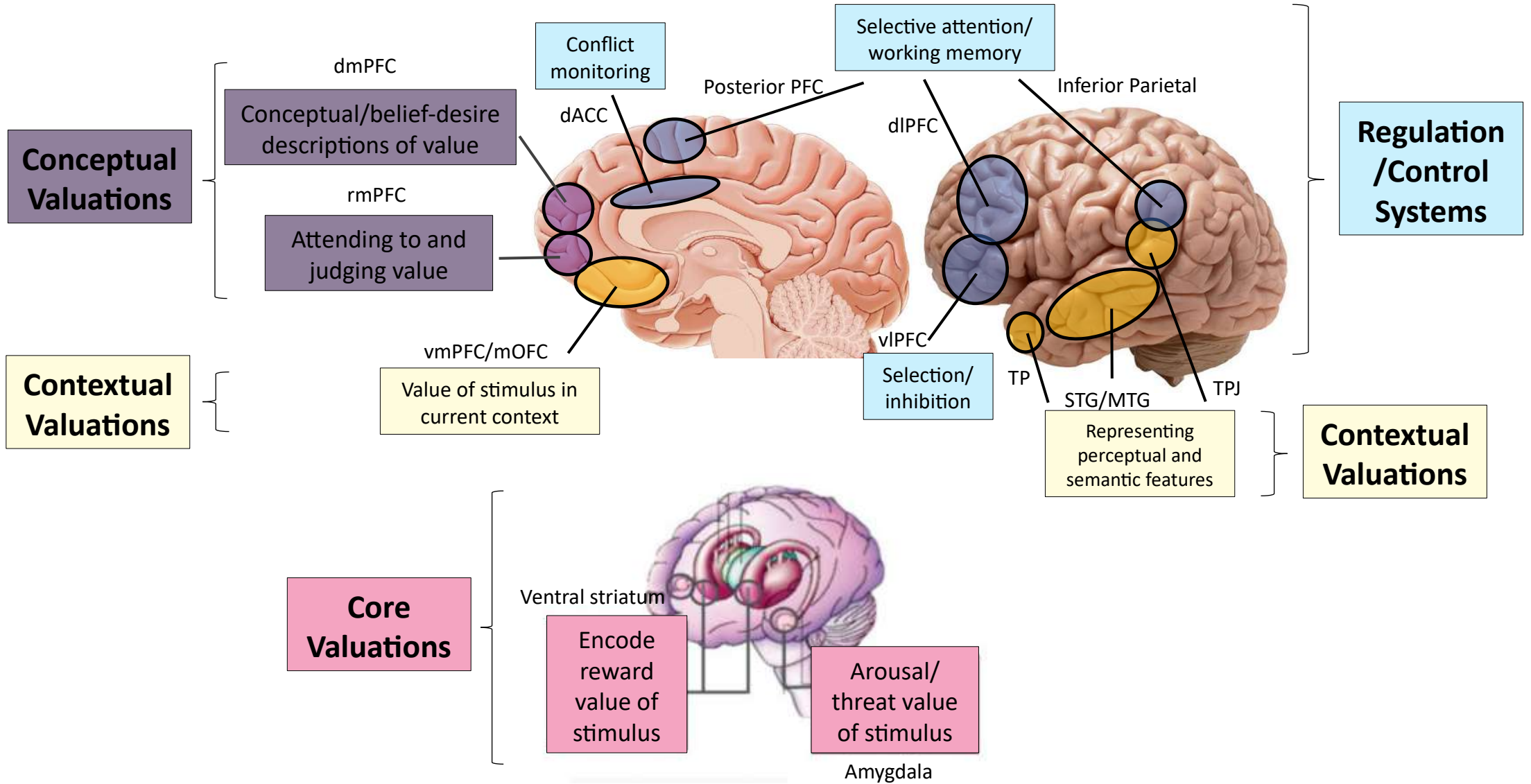
Roesch et al., 2010

BASES NEURALS PROCESSAMENT EMOCIONAL

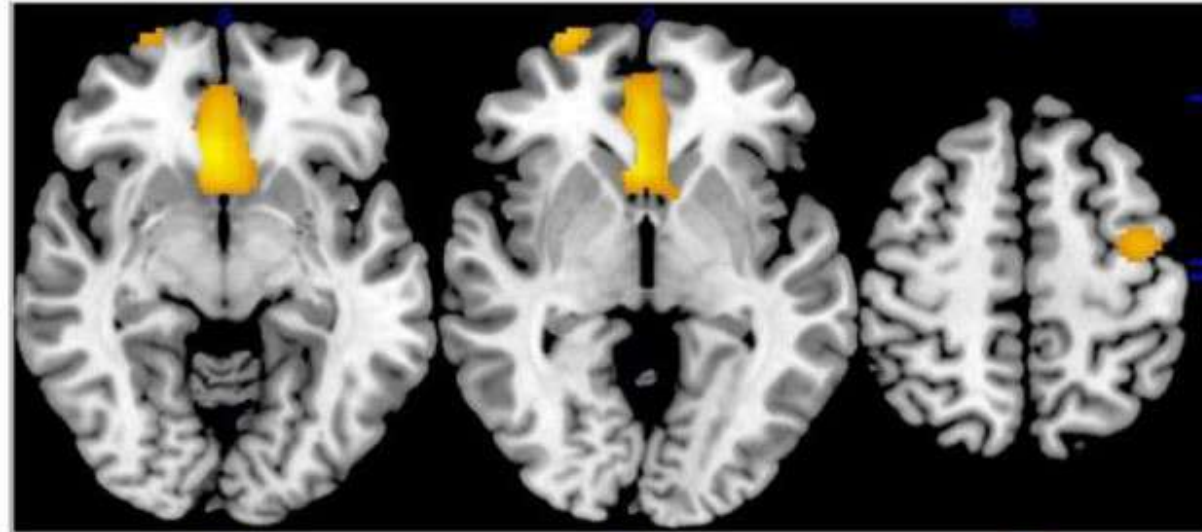
DOPAMINE LEVELS



BASES NEURALS PROCESSAMENT EMOCIONAL

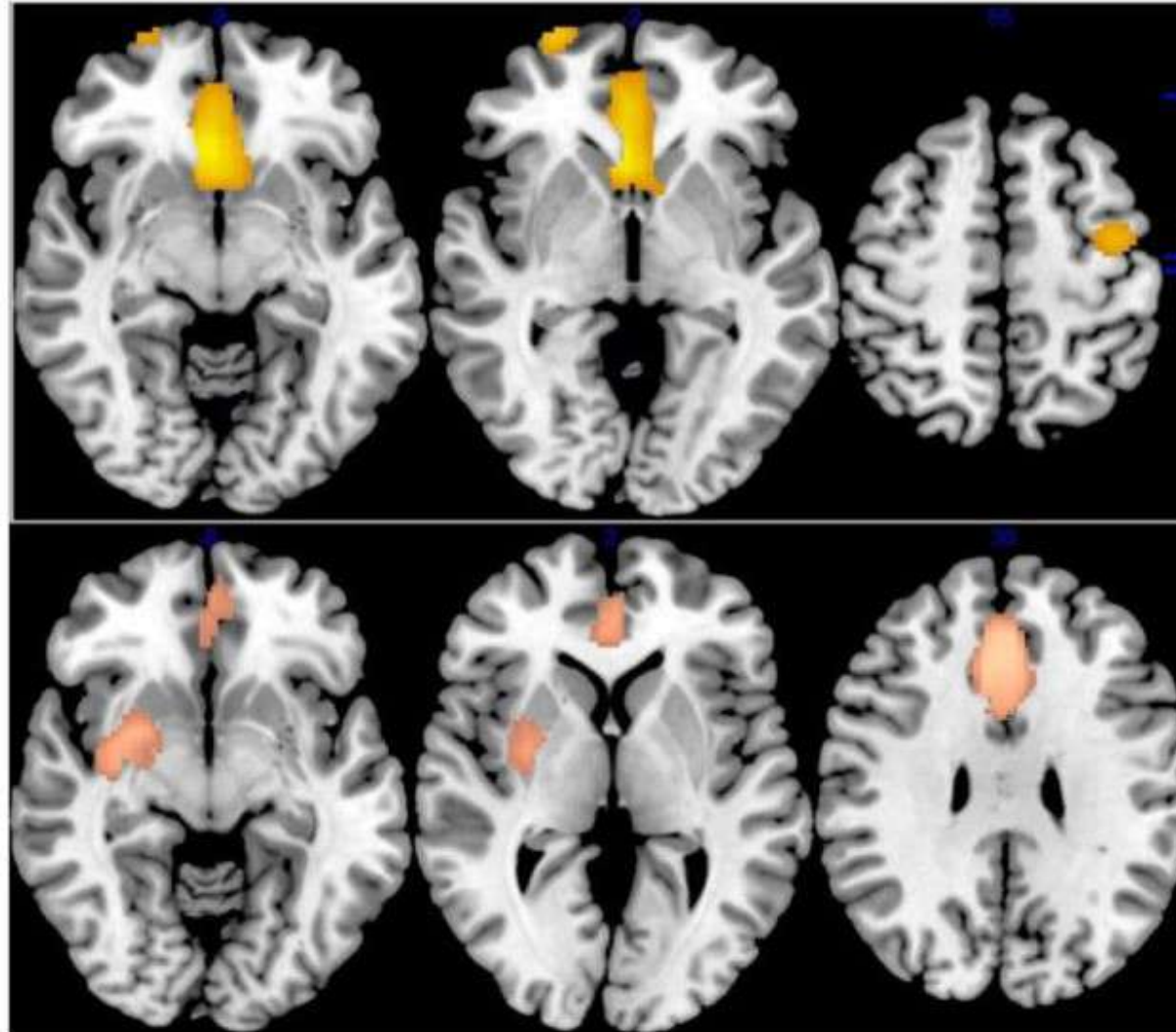


BASES NEURALS PROCESSAMENT EMOCIONAL



IGD

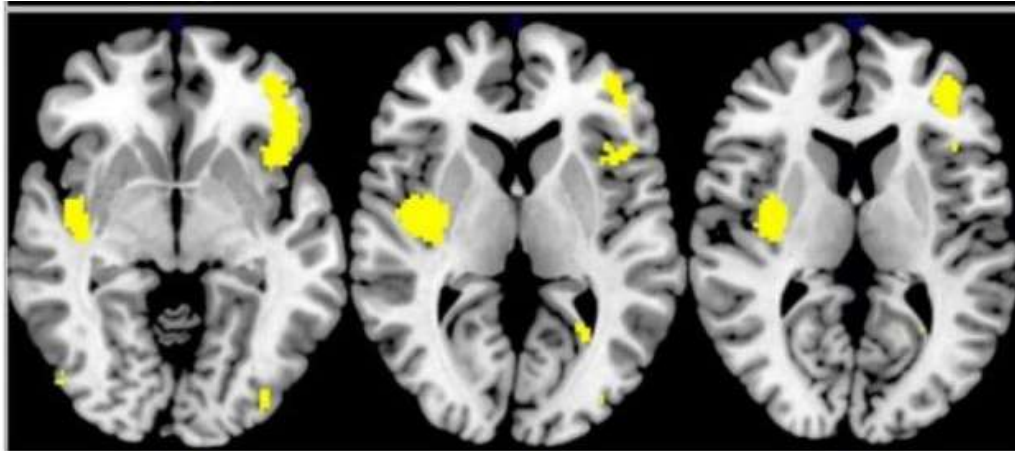
BASES NEURALS PROCESSAMENT EMOCIONAL



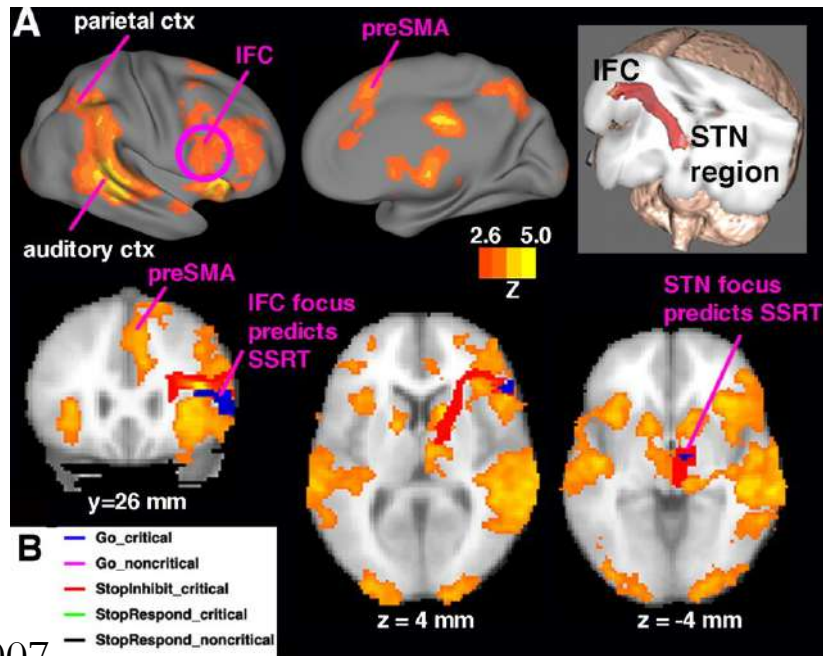
IGD

ADHD

BASES NEURALS INHIBICIÓ MOTORA

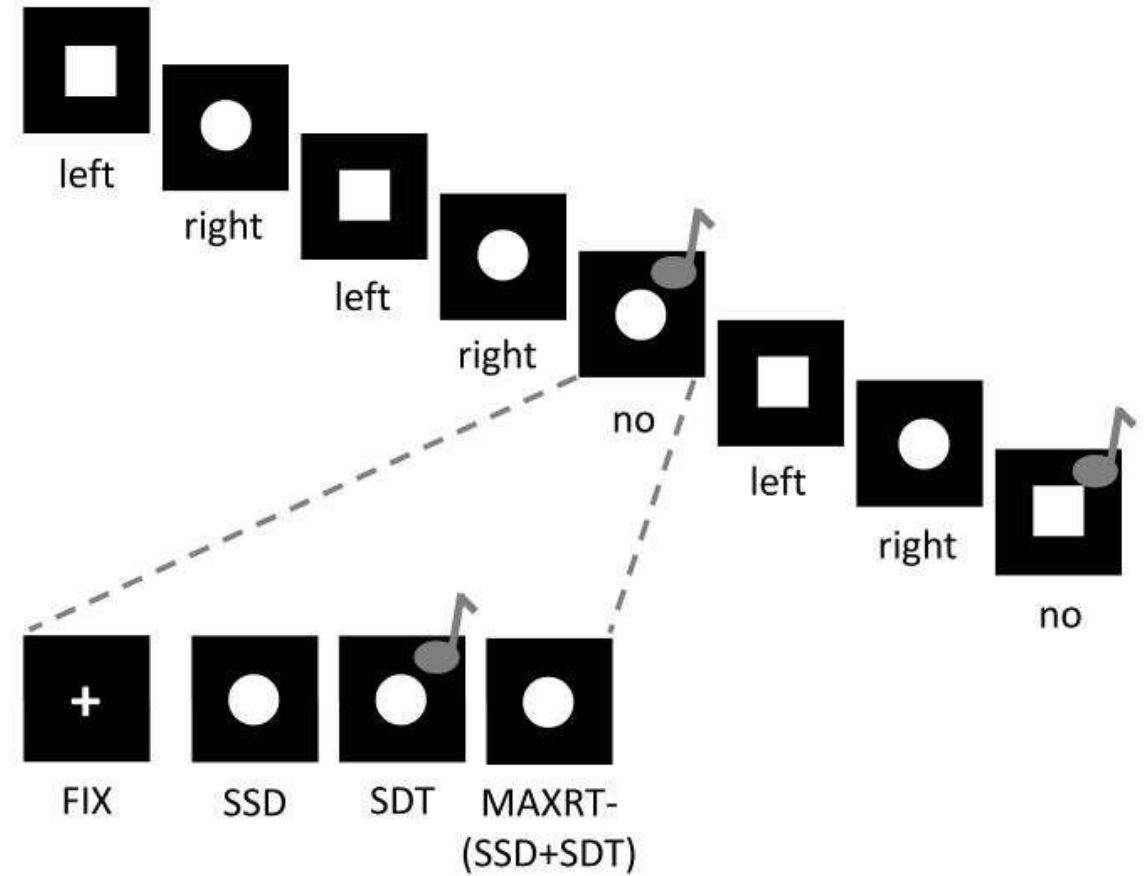


Gao et al., 2021



Aron et al., 2007

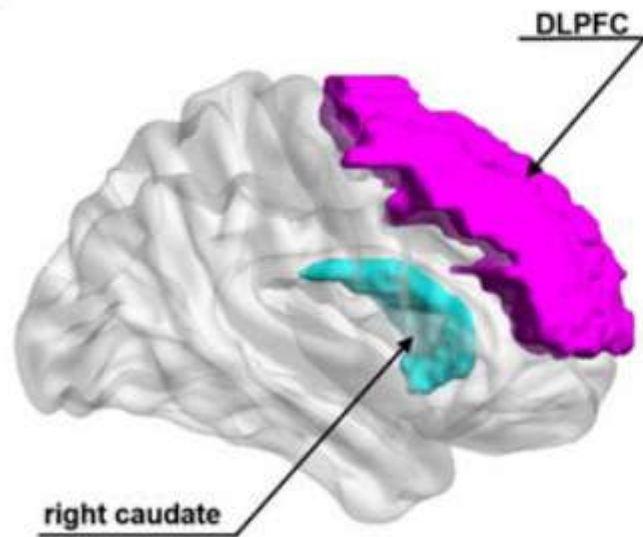
Tarea Stop-signal



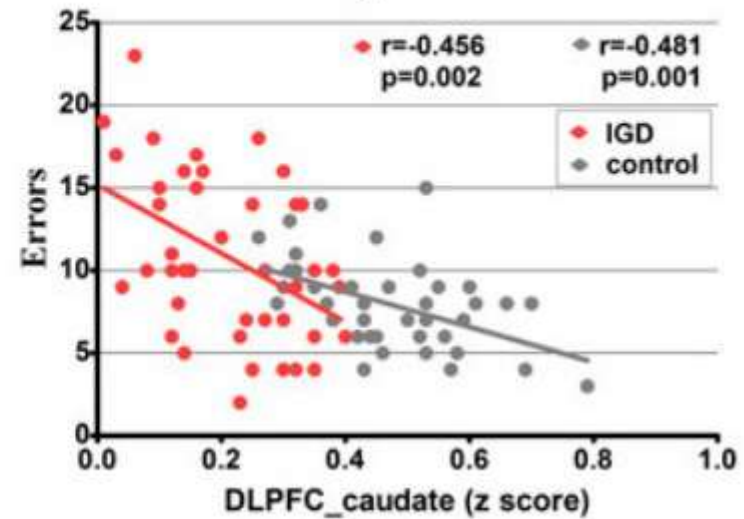
Verbruggen and Logan, 2009

BASES NEURALS CONTROL RESPOSTES D'HÀBITS

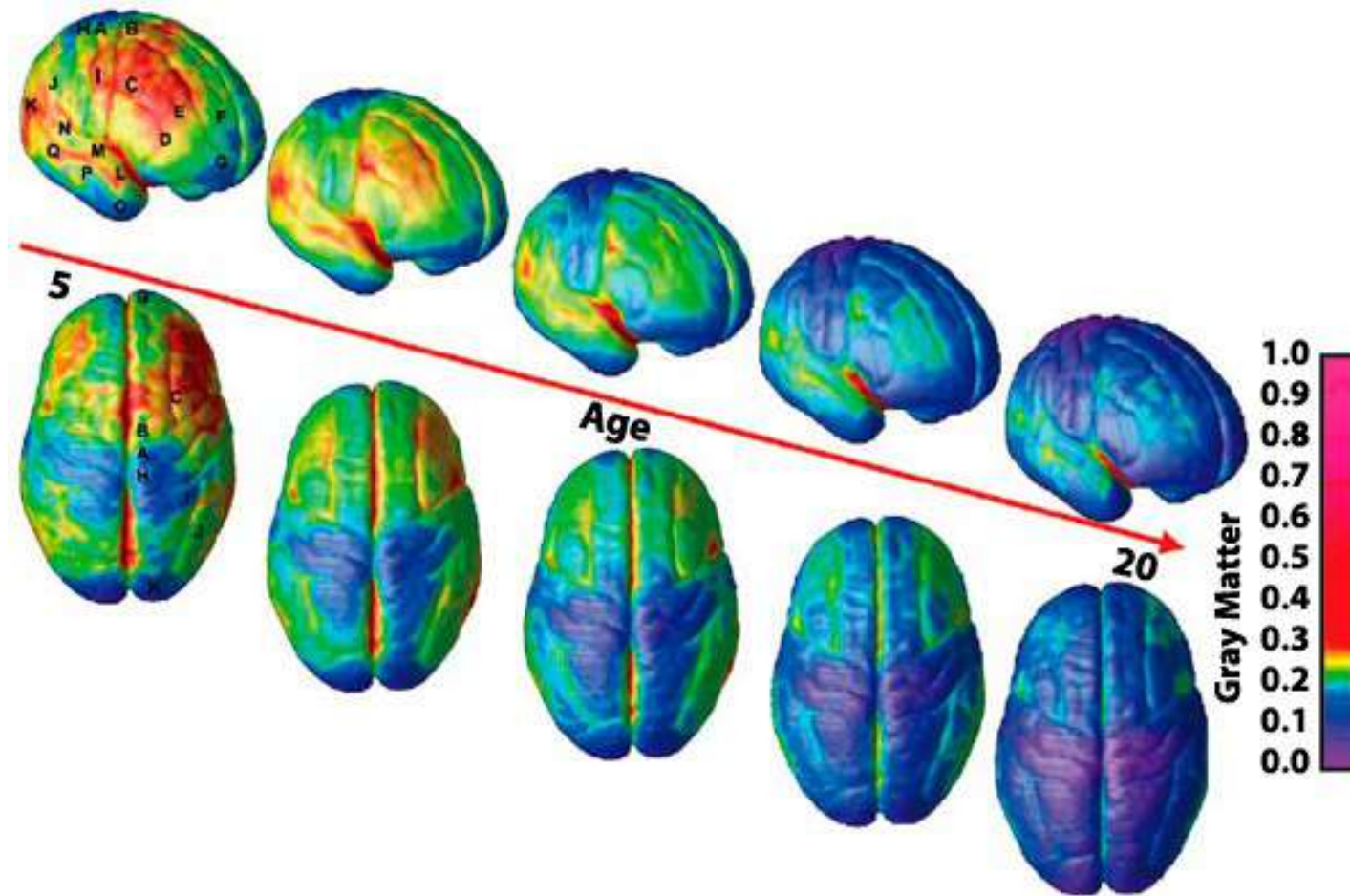
b Dorsolateral prefrontal cortex - right caudate



c RSFC within Frontostriatal Circuits and Cognitive Control



MADURACIÓ CEREBRAL AMB L'EDAT



Gràcies!!!



Grants
PI16/00889
PI19/01171



Grant SLT006/17/249



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