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indirect

Ш Affective stimulus

direct (











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Understanding the Prefrontal Cortex

- · Linked to inhibition of emotion/ behavior $^\circ$ $\,$ Linked to use of emotion to guide decision-making
- When it is damaged

reactions

- · creates insensitivity to rewards and consequences inability to anticipate the emotional outcomes · inability to properly weight others' emotional
- No motivation to inhibit · Creates overwhelming indecision







- Synaptic release rapid, specific
- Hormones slower, long lasting
- Neuoromodulators diffuse
- Drugs mimic neurochemicals
- have effects on emotion
- Can be used for altering emotion





Inhibitory

Parasympathetic nervous system, brainstem

Brain, smooth muscle

Brain, smooth muscle

Brain, smooth muscle

Brain, spinal cord

Brain





Dopamine • Animal research (rats) • Desire/ motivation for rewards • Release of dopamine in nucleus accumben • Liking/ gratification by rewards
 Liking/ gratification by rewards Release of opiates in nucleus accumbens Application to attachment Application to addiction/ watch this





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