Behavioral neuroscience of drug addiction /

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Monografía

This volume highlights current state-of-the-art approaches and important findings on the behavioral neurobiology of drug addiction by prominent neuroscientists. Preclinical chapters span synaptic neuroplasticity associated with drug use, the neural systems underlying conditioned drug effects implicated in drug craving, and the role of sensitization and withdrawal processes in addictive behavior. Chapters on human studies emphasize neuroimaging of neurotransmitters and receptors, drug craving and other cognitive abnormalities in human drug abusers. Human studies also describe work on genetic vulnerability and the neuroeconomics of drug addiction, and novel pharmacological approaches to drug abuse treatment

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