1. Record Nr.   UNINA9910437612803321

    Titolo   Behavioral Neurobiology of Alcohol Addiction / / edited by Wolfgang Sommer, Rainer Spanagel

    Pubbl/distr/stampa   Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013

    ISBN   3-642-28720-4

    Edizione   [1st ed. 2013.]

    Descrizione fisica   1 online resource (721 p.)

    Collana   Current Topics in Behavioral Neurosciences, , 1866-3389 ; ; 13

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    Disciplina   616.861

    Soggetti   Neurosciences
                            Psychiatry
                            Neuroscience

    Lingua di pubblicazione Inglese

    Formato   Materiale a stampa

    Livello bibliografico   Monografia

    Note generali   Description based upon print version of record.

    Nota di contenuto   From the contents -- Preface -- Part 1: Mechanistic aspects underlying alcoholism -- Part 2: Genetics -- Part 3: Clinical phenotypes and preclinical models thereof -- Part 4: Novel insights from brain imaging -- Part 5: Translational aspects and medication development.

    Sommario/riassunto   The question of how alcohol alters mood states and why this may end up becoming an addiction has puzzled alcohol researchers for decades. In this volume, a group of highly distinguished experts and leaders in alcohol addiction research presents our current state of knowledge and remaining research challenges, as well as interesting viewpoints on future research directions aimed to stimulate communication and convergence between clinical and preclinical researchers, and to renew interest in the vibrant field of alcohol addiction research among a broad scientifically minded audience. Five Current Topics are discussed in this volume: Neurobiological mechanisms of alcoholism, Genetics, Clinical phenotypes and their preclinical models, Brain imaging, and Translational approaches for treatment development, both pharmacological and non-pharmacological. These areas have in our opinion substantially brought alcohol research forward and influenced our thinking about how to reach our common paramount goal, namely to offer effective treatment solutions for an extensive group of patients

with largely unmet medical needs.