

Special Issue

Recent Studies of Rodent Ultrasonic Vocalizations and Their Use in Experimental Models

Message from the Guest Editors

Interest in emission of rodent ultrasonic vocalizations and their biological functions has markedly increased in behavioral neuroscience studies of recent years. Particularly, rat vocalizations were used in studies of vocal expression of emotional states and in numerous animal models of neuropsychiatric diseases and disorders. Investigations of emission of ultrasonic vocalizations are useful in studies of emotional disturbances, affective disorders, autism, addiction, developmental abnormalities, and many other pathologies. The Special Issue of Brain Sciences entitled “Recent Studies of Rodent Ultrasonic Vocalizations and their use in experimental models” offers a collection of recent developments in this field, and more importantly, many examples how studies of rat ultrasonic vocalization can be, and are, applied in biobehavioral and neuropsychiatric research.

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