Hedonic, Motivation and Learning Mechanisms of Ingestive Behavior

Guest Editor:

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Message from the Guest Editor

Studies on ingestion, e.g., studies on ingestion microstructure, meal pattern, and ingestion-related paradigms, e.g., studies on operant responding for food rewards, provide important behavioral substrates both for the study of the neural mechanisms underlying the motivation to eat and for modelling aspects of eating disorders. Moreover, the study of the hedonic, motivation and learning processes involved in ingestive behavior might provide evidence whose relevance is not limited to the study of the mechanisms governing ingestion. In addition, behavioral paradigms based either on ingestive behavior or on ingestive-related behaviors might be used, on the one hand, to test the effect of drugs in relation to their potential therapeutic effect in eating disorders, and, on the other hand, to characterize their effects on hedonic, motivation and learning mechanisms which might be of more general relevance. The aim of this Special Issue is to cover current research on ingestion and ingestive-related behavior, both on the physiological and on the pathological aspects, with a focus on the investigation of the neural substrates underlying learning, hedonic and motivation processes.

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Special Issue

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Message from the Editor-in-Chief

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