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Neural and Hormonal Controls of Macronutrient Intake

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Deadline for manuscript submissions:

closed (31 January 2022)

Message from the Guest Editor

Dear Colleagues,

Over the past several decades, a substantial body of literature has been generated that characterizes a wide range of neural and hormonal mechanisms underlying food intake. However, many of these studies have focused on overall energy intake, and the mechanisms that control the intake of specific macronutrients have not been investigated as broadly. Several different factors, including detection of nutrient status, central integration and processing of nutrient-related information, feeding-relevant hormones, and learning processes, can all act to influence the intake of particular macronutrients. This Special Issue will focus on the neural and hormonal mechanisms governing the intake of fat, carbohydrate, and/or protein in animals and in humans.

Dr. Elizabeth Mietlicki-Baase
Guest Editor



mdpi.com/si/69002

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