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Glucose Metabolism and Weight Management

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Message from the Guest Editor

Dear Colleagues,

Large differences in weight loss and weight loss maintenance in participants of dietary weight management programmes are found. Among the biological factors that may explain some of this variation are differences in glucose metabolism among participants. Individuals with type 2 diabetes or prediabetes appear to respond differently to the carbohydrate and fiber content of energy-restricted or ad libitum diets. A better understanding of the biological mechanisms involved, for instance the role of insulin resistance in different organs and the role of the gut microbiota, will help to develop better personalized approaches for weight management based on glucose metabolism.

This Special Issue entitled “Glucose Metabolism and Weight Management” welcomes the submission of original research manuscripts, reviews, clinical trials, intervention studies, or meta-analyses concerning the relationships between glucose metabolism and weight management.

Prof. Dr. Marleen van Baak
Guest Editor



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