

# Special Issue

## Glucose Homeostasis

### Message from the Guest Editor

Keeping adequate glucose homeostasis involves several mechanisms concerning pancreatic islets, as well as the liver, adipose tissue, skeletal muscle, and nervous system. Several cells of such tissues release hormones and cytokines so that all of those elements are well coordinated to elicit the responses needed in physiological and pathological situations. It is noteworthy that disturbances in blood glucose levels are linked to noncommunicable chronic diseases like diabetes mellitus, which frequently converges with obesity, and both conditions are also recognized as cardiovascular risk factors that could lead to other morbidities. The prevention or treatment of such disorders could improve or restore glycemia, benefiting even associated pathologies (however, any intervention regarding lifestyle, dietary habits, physical exercise, pharmacological therapy, etc., should be carefully implemented). This Special Issue of *Medicina*, entitled “Glucose Homeostasis”, is pleased to welcome the submission of manuscripts focused on the above-mentioned features, either reporting original experimental or clinical research, as well as up-to-date review articles.

### Guest Editor

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