

Special Issue

Pathology, Complications and Prognosis of Type 1 Diabetes

Message from the Guest Editor

This Special Issue, *Pathology, Complications and Prognosis of Type 1 Diabetes*, offers a comprehensive and up-to-date synthesis of current knowledge on the complex pathophysiology and clinical evolution of type 1 diabetes mellitus (T1DM), an autoimmune condition resulting in the progressive destruction of pancreatic β -cells. The contributions gathered in this issue address the key mechanisms involved in disease initiation and progression, including genetic susceptibility, environmental factors, and immune-mediated processes. A particular focus is placed on the spectrum of complications—both acute, such as diabetic ketoacidosis, and chronic, including microvascular (retinopathy, nephropathy, neuropathy) and macrovascular damage. The prognostic implications of variables such as age at onset, metabolic control, and disease duration are critically discussed, alongside emerging biomarkers and therapeutic approaches. Integrating clinical experience with advances in translational research, the articles aim to provide a multidimensional understanding of T1DM.

Guest Editor

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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