



Distinct Roles of Beta-Cell Mass and Function During Diabetes Onset and Remission

Guest Editor:

Prof. Dr. Yoshifumi Saisho

Department of Internal Medicine,
Division of Nephrology,
Endocrinology and Metabolism,
Keio University School of
Medicine, Shinjuku, Tokyo 160-
8582, Japan

Deadline for manuscript
submissions:

closed (1 May 2019)

Message from the Guest Editor

Dear Colleagues,

Both type 1 and type 2 diabetes are characterized by a deficit of beta cell mass. Although type 2 diabetes is characterized by insulin resistance and beta cell dysfunction, recent studies have suggested that diabetes never develops unless beta cell function fails to compensate insulin resistance. Also, while bariatric surgery is now expected to be one of the most potent therapy to achieve remission of type 2 diabetes, a critical role of beta cell function has been suggested. Nonetheless, precise mechanisms of beta cell dysfunction in diabetes remains fully elucidated, and better understanding of distinct as well as simultaneous roles of beta cell mass and function is crucial.

In this special issue, we welcome you to submit any types of article regarding beta cell mass and/or function during diabetes onset and remission. Topics include, but are not limited to

- both basic and clinical studies;
- etiology; islet biology; beta and alpha cell function
- incretin and other hormones
- regenerative medicine
- biomarkers; genetic studies
- bariatric surgery
- microbes; lifestyle and pharmacological interventions





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Emmanuel Andrès

Internal Medicine Department,
University Hospital Strasbourg,
67000 Strasbourg, France

Prof. Dr. Kent Doi

Department of Emergency and
Critical Care Medicine, University
of Tokyo, Tokyo 113-8655, Japan

Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Medicine, General & Internal*) / CiteScore - Q1 (*General Medicine*)

Contact Us

Journal of Clinical Medicine Editorial
Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jcm
jcm@mdpi.com
[X@JCM_MDPI](https://twitter.com/JCM_MDPI)