

## Special Issue

# Beta-Cell Failure and Death: A Cornerstone in Diabetes Pathogenesis

### Message from the Guest Editor

As of the *Diabetology* Special Issue titled “Beta-Cell Failure and Death: A Cornerstone in Diabetes Pathogenesis,” I invite submissions of original research articles, systematic reviews, narrative reviews, or communications on this topic. In this Special Issue, we invite researchers to submit their works focusing on understanding the cellular and molecular mechanisms that regulate beta cell homeostasis and how these processes are affected in different forms of diabetes. Instructions for the submission process will be provided on a dedicated web page. Research areas may encompass (but are not limited to) the following:

- Research exploring the mechanisms regulating beta cell function and survival in homeostatic conditions.
- Research on the mechanisms that stimulate beta cell proliferation.
- Research exploring additional methods to improve stem-cell-derived beta cell differentiation.
- Research on the impact of genetic and environmental factors on beta cell failure and death.
- Research on the side effects of pharmacological drugs on  $\beta$  cell function and survival.
- Research to enhance understanding of how pharmacological anti-diabetic agents prevent cell failure and death.

---

### Guest Editor

Dr. Mourad Ferdaoussi

Faculty of Saint-Jean, University of Alberta, Edmonton, AB, Canada

---

### Deadline for manuscript submissions

29 April 2026



## Diabetology

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 3.7



[mdpi.com/si/258507](https://mdpi.com/si/258507)

*Diabetology*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[diabetology@mdpi.com](mailto:diabetology@mdpi.com)

[mdpi.com/journal/  
diabetology](https://mdpi.com/journal/diabetology)





# Diabetology

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 3.7



[mdpi.com/journal/  
diabetology](https://mdpi.com/journal/diabetology)



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Prof. Dr. Peter Clifton

1. Division of Health Sciences, School of Pharmacy and Medical Sciences, University of South Australia, Adelaide, SA, Australia
2. Alliance for Research in Exercise, Nutrition and Activity (ARENA), Adelaide, SA, Australia

---

#### Author Benefits

##### Open Access:

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

##### High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO, and other databases.

##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.3 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the first half of 2025).