Special Issue

Insulin-Degrading Enzyme in Health and Disease

Message from the Guest Editors

Insulin-degrading enzyme (IDE) is an endopeptidase that degrades insulin and amyloid □ (A□). The *Ide* gene has been associated with type-2 diabetes mellitus (DM2), and it is a molecular link between DM2 and Alzheimer´s disease (AD). The physiological role(s) of IDE in glucose/insulin homeostasis is very controversial and its potential therapeutic benefit for DM2 and AD remains not completely understood. This Special Issue aims to gather expert articles on the structure, function, and regulation of IDE in physiological and pathophysiological conditions. I therefore invite you to submit original research articles or reviews. Keywords

- insulin-degrading enzyme
- insulin degradation
- insulin clearance
- Abeta degradation
- diabetes mellitus
- Alzheimer's disease

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Deadline for manuscript submissions

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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