Special Issue

Advances in the Research of a Key Molecule in Periostin

Message from the Guest Editors

Periostin is highly expressed in chronic inflammatory diseases, including asthma, eosinophilic chronic sinusitis/chronic rhinosinusitis with nasal polyp, steroid-resistant atopic dermatitis, chemotherapy-resistant cancer, acute myocardial infarction, congestive heart failure, atherosclerosis, stroke, acute kidney injury, and others. Moreover, periostin plays important roles in the pathogenesis of these diseases. Recently, it has been reported that periostin is involved in type 2 immunity, and is a biomarker of type 2 immunity. Periostin is also a therapeutic target for these diseases, which is why periostin research is very important for intractable diseases. On the other hand, the protein periostin has a structure composed of an amino-terminal EMI domain, a tandem repeat of 4 fas 1 domains, and a carboxyl-terminal domain including a heparin-binding site at its C-terminal end. Therefore, periostin is one of the fasciclin 1 family. It is becoming clear that both the N-terminal and C-terminal of periostin have important functions.

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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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