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New Insights on ADAMTS Proteases in Health

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Deadline for manuscript
submissions:

closed (31 January 2020)

Message from the Guest Editor

Dear Colleagues,

The development and on-going homeostasis of an organism is complex and involves multiple layers of control. While much of this occurs within individual cells, it is clear that these cells receive a range of external signals, with a growing awareness of the importance of the interactions with the extracellular matrix (ECM).

The ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) proteins are multidomain proteases that act extracellularly, being crucial for shaping the ECM that impacts cell migration and other functions. Collectively, the 19 ADAMTS family members serve to facilitate development and homeostasis, and have been implicated in a variety of diseases, such as inflammation, arthritis, and oncogenesis.

This Edition celebrates the ADAMTS family, and aims to detail both their commonality and diversity, with a focus on their role in development and disease.

Prof. Alister C. Ward
Guest Editor



mdpi.com/si/29328

Special Issue



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