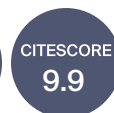




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Mechanisms of TGF- β Signaling in Disease Progression

Guest Editors:

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Deadline for manuscript
submissions:

closed (10 February 2023)

Message from the Guest Editors

The Transforming Growth Factor-beta (TGF- β) superfamily is made up a of large number of secreted pleiotropic growth factors that regulate many processes involved in development, homeostasis of tissue function and repair, immune response and regulation, vasculature formation and muscle growth and maintenance. Due to its diverse range of functions, not surprisingly, dysregulation of signaling of the TGF- β superfamily results in a multitude of diseases including cancer, fibrosis, osteoarthritis, autoimmunity, rheumatoid arthritis, diabetes mellitus, multiple sclerosis. However, the critical spatiotemporal mechanisms utilized by TGF- β to drive this multitude of pathological conditions and, importantly, how these mechanisms can be reversed therapeutically are not completely understood.

This Special Issue welcomes original research papers or focused reviews elucidating key and novel mechanistic regulation of TGF- β signaling involved in disease progression. It will also include articles that discuss the possible improvement of current therapeutic strategies targeting TGF- β signaling that are currently under investigation.



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Special Issue



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