

Special Issue

Integrin Signaling and Human Pathologies 2.0

Message from the Guest Editors

Integrins are adhesion molecules that connect cells to ligands present in the extracellular matrix or to ligands expressed by blood cells. Upon binding to their ligands, integrins activate signaling pathways involved in key cellular processes like migration/invasion, cytoskeleton organization, survival, and angiogenesis. The dysregulation of integrins leads to various human pathologies: inflammatory diseases like atherosclerosis or inflammatory bowel disease; cancers; cardiovascular pathology; and respiratory diseases. This Special Issue of the *International Journal of Molecular Sciences* entitled “Integrin Signaling and Human Pathologies” will focus on the role of integrins in human pathologies. Authors are invited to submit manuscripts that study or review the role of these adhesion molecules in one of these human pathologies and that underline which integrin could be targeted in order to improve the treatment of these diseases.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2021)



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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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