

Special Issue

Cancer and Signalling: Targeting Cellular Pathways

Message from the Guest Editor

Within all types of organisms there are fundamental cellular processes being orchestrated continuously in the background, resulting in the regulation of various signalling pathways. These pathways result in many cellular functions, including proliferation, cell–cell adhesion, extracellular matrix signalling, mechanotransduction, polarity and apoptosis, all of which are fundamental within cells. If these pathways dysfunction, then this can result in disease formation, including cancer. **This Special Issue welcomes the submission of articles and reviews which cover a wide range of signalling pathways and examine how any disruption to these pathways can lead to cancer.** I hope that we will try to expand upon what is currently known in the signalling field in this Special Issue by looking at new cutting-edge findings, which will hopefully shed some light on how signalling can control cancer progression, and possibly make us understand how we can combat this debilitating disease.

Guest Editor

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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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