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Protein Kinases: Signalling and Disease

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Deadline for manuscript
submissions:

closed (31 May 2020)

Message from the Guest Editor

Dear Colleagues,

Protein kinases have become a major drug target for the treatment of a variety of diseases, especially cancer. Kinase inhibitors have been approved for a number of therapeutic indications and will likely continue to expand. One recent example is the small molecule JAK kinase inhibitor, Xeljanz (tofacitinib). Originally approved for the treatment of rheumatoid arthritis in 2012, it has received approval this year (2018) the treatment of ulcerative colitis as well. The list of indications for which kinase inhibitors may find use as therapeutic agents continues to grow, including uses for treating viral and parasitic diseases. This Special Issue focuses on the connection between protein kinase signalling and disease, with an emphasis on novel small molecule inhibitors and new therapeutic indications for these agents.

Prof. John Siekierka
Guest Editor



mdpi.com/si/18150

Special Issue



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