

## Special Issue

# Molecular Mechanisms of Sprouty Proteins in Cancer

### Message from the Guest Editors

Dear Colleague, The four Sprouty (SPRY1-4) proteins are important modulators of growth factor signaling. They are often dysregulated in different types of cancer and they act as tumor suppressors or oncogenes depending on the SPRY isoform and the type of malignancy. SPRY proteins are well-defined tumor suppressors in breast, lung, liver or prostate cancer, whereas in colon cancer and glioblastoma, some SPRY isoforms also act as oncogenes. Different molecular targets of SPRY proteins, which are involved in proliferation, apoptosis and cell migration, have already been identified. Due to the heterogeneity of different types of malignancies, further research on the molecular targets of SPRY proteins is required. This Special Issue will focus on the molecular mechanisms of SPRY1-4 in different types of cancer and welcomes papers addressing the molecular effects of SPRY in cancer using in vitro and in vivo studies.

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### Guest Editors

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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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### Editor-in-Chief

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