

Special Issue

Neuropilins and VEGFR-Interacting Proteins in Health and Disease

Message from the Guest Editors

NRPs play a key role in mediating the signaling of various receptor tyrosine kinases, integrins, and other molecules involved in the regulation of angiogenic processes in health and disease, as well as in axonal guidance, tumor progression, immune functions, and viral entry. Indeed, co-receptors and other VEGFR-interacting proteins contribute to the tight regulation of VEGFR signaling and are implicated in the pathophysiology of cancer. Accordingly, targeting the VEGF/NRP signaling axis has therapeutic potential, since targeting NRP1 or NRP2 may inhibit tumor initiation and decrease chemotherapy resistance.

Thereby, we invite colleagues to contribute to the present Special Issue with research or review papers focused on neuropilins and VEGFR-interacting proteins, exploring how the related molecular and cellular pathways are implicated in physiologic functions and various diseases and whether these are potential targets for the treatment of such related diseases.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2022)



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