

Special Issue

New Insights into Tumor Microenvironment and Drug Repurposing

Message from the Guest Editors

The treatment of cancer patients and antitumor drug investigation have caused great financial burden on healthcare systems and the whole of society. The tumor microenvironment is constituted of various specialized microenvironments including hypoxic niche, immune microenvironment, metabolism microenvironment, acidic niche, innervated niche, mechanical microenvironment, and even microbiota; each specialized microenvironment has a close crosstalk with one other. The tumor microenvironment and drug repurposing are becoming hot topics. Drug repurposing, also known as drug repositioning, has accelerated the process and greatly reduced the cost of drug development. Metformin and thalidomide are two such successful cases. We sincerely welcome researchers working in this field to submit original research articles or reviews including, but not limited to, repurposed drugs for cancer treatments, the current status of drug repurposing, and approaches to identify a repurposed drugs candidate targeting the tumor microenvironment to this Special Issue: New Insights into Tumor Microenvironment and Drug Repurposing.

Guest Editors

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