

EDITORIAL

A Foreword from the Editor-in-Chief

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Cancer is a devastating disease that suffered so many lives and families throughout of the world, and is becoming an increasing burden to our society. Thanks to the advances in both basic cancer biology and clinical diagnostic/therapeutic treatments, cancer patients' mortality has been significantly decreased in the past decades. Specifically, recent breakthrough in cancer immunology and immunotherapy has shed a bright light for cancer patients to guide them to fight the cancer via harnessing their own immune system, as some patients even with advanced diseases showed long-term remission and durable responses after immunotherapy. Although this new cancer treatment can only benefit a subset of cancer patients, it clearly suggests to us that patient's immune cells have the capability to fight against cancer. It is just a matter of how to use them. As a peer-reviewed open journal, the Journal of Oncology Research is dedicated to publish most cutting edge research with a focus on how cancer invades our immune system and how to develop effective strategies to reverse this invasion. Journal of Oncology Research aims to discover innovative methods, theories and studies in Oncology by publishing original

articles, case studies and comprehensive reviews. We hope that Journal of Oncology Research will become an important platform for our scientists to share their exciting results and for our readers to seek fertile and reliable source of information. We will look for research in the following topics, but not limited:

1. Cancer Immunology and Immunotherapy

This topic will cover new basic molecular and cellular mechanisms of interactions between tumor cells and immune system; new therapeutic combinations to boost cancer immunotherapy; and new prognostic indicators.

2. Tumor-derived Exosomes

This topic will cover new findings in understanding how tumor-derived exosomes interact with immune system, tumor immunity, and tumor-associated fibroblasts.

3. Metastasis

This topic will include new findings in investigating novel mechanisms of cancer metastasis including how tumor

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cells invade primary tissues, exit from circulation into distant organs, and promote niche formation in metastatic organs.

4. Microbiome and Cancer

This topic will cover the new investigations in understanding the role of microbiota in cancer progression and therapeutic outcomes.

5. Cancer Nanotechnology

This topic will include new findings in using nanotechnol-

ogy for early diagnosis, developing novel nanomedicines for targeting and reprogramming suppressive immune cells, and generating immunogenic cell death in combination with cancer immunotherapy.

6. Tumor Markers and Cancer Early Diagnosis

This topic will cover the identification of novel markers from liquid biopsy including blood-based assessment of tumor-derived and non-tumor derived exosomes to identify a molecular signature that can inform the disease status of cancer.