



Tumor Heterogeneity: Recent Trends and Current Issues

Guest Editors:

Prof. Dr. Bahriye Aktas

University of Leipzig, Medical
Center, Dept. of Gynaecology,
Leipzig, Germany

Dr. Ivonne Nel

University of Leipzig, Research
Lab, Dept. of Gynaecology,
Leipzig, Germany

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Message from the Guest Editors

Heterogeneity among cancer cells within one tumor and metastases thereof has gained increased attention particularly concerning the treatment of mamma carcinoma and gynecological malignancies such as ovarian cancer. Next to morphological and metabolic changes, different phenotypical profiles and altered genetic patterns, tumor cells exhibit diversification of motility, proliferation and metastatic potential. Hence, tumor heterogeneity plays a key role in cancer diagnosis, treatment choice, therapy response and patient outcome. Extremely heterogenous tumors are associated with aggressive behavior and treatment resistance. Deeper insight into mechanisms that drive tumor heterogeneity might help to identify novel treatment strategies and therapeutic targets.

The Special Issue “Tumor heterogeneity” seeks to broaden the knowledge concerning crucial changes at various cellular and molecular levels that may influence carcinogenesis and prognosis. This Special Issue intends to publish original research articles, reviews and methodological papers.





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Editor-in-Chief

Prof. Dr. Samuel C. Mok

Department of Gynecologic
Oncology and Reproductive
Medicine, The University of Texas
MD Anderson Cancer Center,
Houston, TX 77030, USA

Message from the Editor-in-Chief

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Cancers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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