

## Special Issue

# Epigenetics in Diagnosis and Treatment of Cancer

### Message from the Guest Editor

Epigenetic patterns, such as DNA methylation and non-coding RNA expression, can be causative factors of neoplasms. The recent development of NGS genomic techniques has significantly increased our knowledge of the epigenetic modifications involved in cancer. Indeed, numerous genes and molecular pathways that account for epigenetic differences between normal and tumor cells have been identified. Some aberrant epigenetic patterns are specific to certain tumors, which allows for their potential use as biomarkers. It is clear that epigenetics will play a crucial role in future cancer diagnostics and therapy. The current challenge is to collect and transform data into clinical practice and, contemporarily, to ensure the availability of sensitive and low-cost diagnostic tests. This Special Issue of *Diagnostics* intends to collect scientific contributions focused on the identification and clinical validation of epigenetic biomarkers for early tumor diagnosis and therapy. Contributions on applications related to liquid biopsy and the development of plasma cell-free DNA methylome techniques are also welcomed.

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### Guest Editor

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### Deadline for manuscript submissions

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## Diagnostics

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You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

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