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## Molecular Mechanisms of the Polycomb Repressive Complex 2 (PRC2) and Its Role in Human Cancer

Guest Editor:

**Dr. Robert Liefke**

Institute of Molecular Biology and  
Tumor Research, University of  
Marburg, 35043 Marburg,  
Germany

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### Message from the Guest Editor

Dear Colleagues,

Polycomb repressive complex 2 (PRC2) is a conserved protein complex in multicellular organisms. It plays fundamental roles during developmental processes and has been implicated in many human diseases, such as cancer. PRC2 functions as a transcriptional repressor by depositing the repressive H3K27me3 mark. The precise functions of PRC2 in physiological and pathophysiological contexts remain incompletely understood. Components of the PRC2 core, but also many PRC2-associated proteins, such as PHF19, MTF2, JARID2 and EPOP, are commonly dysregulated in cancer, and play a role in various cancer types. A better understanding of their mechanistic functions will be essential to elucidate how they contribute to cancerogenesis.

This Special Issue entitled, “Molecular Mechanisms of the Polycomb Repressive Complex 2 (PRC2) and Its Role in Human Cancer”, aims to provide a comprehensive overview of the most recent advances in this timely topic and a preview of future research directions and challenges to PRC2 and its role in human cancer.

Dr. Robert Liefke

*Guest Editor*



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# Special Issue



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Department of Pathology, The  
University of Alabama at  
Birmingham, 1825 University  
Blvd, SHEL 814, Birmingham, AL  
35294-2182, USA

## Message from the Editor-in-Chief

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*Genes* Editorial Office  
MDPI, St. Alban-Anlage 66  
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