



Special Issue

Advances in DNA Damage & Repair and Cancer Drug Resistance

Guest Editor(s):

Prof. Dr. Eddy S. Yang,

Vice Chairman for Translational Science;
Deputy Director and Associate Director for
Precision Oncology,
Hugh Kaul Precision Medicine Institute;
Program Co-Leader Experimental
Therapeutics, UAB Comprehensive Cancer
Center;
ROAR Southeast Cancer Foundation
Endowed Chair;
Hazelrig Salter Radiation Oncology Center,
1700 6th Avenue South Birmingham, AL
35233, USA.

Email:

stodd@uabmc.edu; eyang@uab.edu

Website:

<https://www.uab.edu/medicine/radonc/faculty/yang>

Guest Editor(s):

Dr. Robert C.A.M. van Waardenburg,

Co-Director Pathobiology, Pharmacology
and Physiology (P3) Graduate Theme;
Scientist, Cancer Cell Biology, O'Neal
Comprehensive Cancer Center
VH 155, VOLKER HALL, Birmingham, AL
35294-0019, USA.

Email:

rvanwaar@uab.edu; rvanwaar@uab.edu

Website:

<https://www.uab.edu/medicine/pharmacology/faculty/van-waardenburg>

Submission Deadline:

31 August 2020

Special Issue Introduction

With the recent clinical successes of the PARP inhibitors, the DNA repair pathways have come to the forefront as a bona fide target for personalized treatment of cancers with defective homologous recombination repair. Additionally, DNA repair (genome instability) is a well-established hallmark of cancer and can be a means for dictating tumor sensitivity and resistance to traditional treatments such as chemotherapy and radiation. In this special issue, we will provide a basic, translational, and clinical overview of the interactions of the various DNA repair pathways as it relates to carcinogenesis, treatment, and biomarker of response.

Benefits

Open Access: The full-text of each published article can be accessed and downloaded from the journal website without any fee. The copyright is owned by all authors.

Free of Charge: We provide free services to authors for manuscripts' processing, publication, and reproduction of photographs.

Rigorous Peer Review: We strictly follow international guidelines (COPE Ethical Guidelines for Peer Reviewers) and ensure rigorous peer review process.

Wide Promotion: The full text of each published article is promoted and widely disseminated across the internet, conferences and academic social media.

