

Special Issue

Oxidative Stress and Autophagy in Cancer Cells

Message from the Guest Editor

Oxidative stress is an important regulator in various pathways including apoptosis and autophagy. Much of the evidence indicates that autophagy and oxidative stress are both key, important contributors to tumorigenesis and cancer progression. Thus, a detailed study of the role of ROS and autophagy is needed to understand their role in cancer initiation and progression and to design effective therapies targeting redox regulation and autophagy systems for cancer therapy. Various drugs, including phytochemicals and small molecules, are presently being investigated in preclinical and clinical studies that attribute their anticancer activity to ROS induction or to the induction of cell autophagy. Consistently, this Special Issue will cover a selection of recent research topics and current reviews and articles in the field on the role of oxidative stress and autophagy processes in cancer progression.

Guest Editor

Prof. Dr. Abdelhabib Semlali

Oral Ecology Research Group, Faculty of Dental Medicine, Laval University, Quebec, QC G1V 0A6, Canada

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. José L. Quiles
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