

Special Issue

Novel Insights into Reproductive Toxicology

Message from the Guest Editor

The aim of the Special Issue, entitled “Novel insights into reproductive toxicology”, is to update our knowledge of the possible toxicants capable of inducing ovarian toxicity, as well as its underlying molecular mechanisms. It has been known that the ovary represents a susceptible target for toxic compounds. Environmental substances, including pesticides, heavy metals, solvents and other pollutants, can represent a severe hazard for healthy ovarian functionality. Additionally, lifestyle habits such as smoking cigarettes, alcohol consumption, and the intake of certain drugs, foods and xenobiotics with gonadotoxic effects—including plastic components of resin containers used for food and drinks—may negatively influence female fertility. Furthermore, an additional aim of the present Special Issue is to update the experimental data concerning the effects of possible teratogens and drug-induced birth defects. In view of the profound clinical relevance of this topic, experimental data in this perspective are needed.

Guest Editor

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