



Micro(nano) Plastics and Estrogens as Endocrine Disruptors Meet the Female Reproductive System, Breast and Colon: What Is Going On?

Guest Editor:

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Message from the Guest Editor

Studies have yet to demonstrate a likely link between cancer risk and micro(nano) plastic effects on breast/the female reproductive system/colon. Bisphenols and additives, phthalates, heavy metals such as cadmium, PFAS, and flame retardants all leach from microplastics/nanoplastics. Researchers have recently reported microplastics to be potentially connected to colorectal cancer and to exacerbate breast cancer metastasis.

More work is required and we hope manuscripts submitted to this Special Issue will clarify the following:

Cellular and molecular effects and mechanisms of exposure to endocrine-disrupting micro(nano) plastics and estrogens relative to the female reproductive system, breast, and colon.

Novel methods for toxicity, genotoxicity, and epigenetic effect evaluation of nanomaterials and micro(nano) plastics on female normal and cancer cells, tissues, and organs.

Biocompatible nanomaterials and micro(nano) plastics for applications in which they have no effect as endocrine disruptors.





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Message from the Editor-in-Chief

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