

Special Issue

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

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.

Guest Editor

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Deadline for manuscript submissions

20 February 2026



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/212194

*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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