

## Special Issue

# Epigenetics and Environmental Exposures

### Message from the Guest Editors

It is well known that our lifestyles, as well as our environment, have a pronounced effect on our organisms. Examples abound of how chemical compounds and xenobiotics present in food, water or the atmosphere are capable of altering epigenetic status and gene expression and thus impact human health. More importantly, some studies have reported on the long-term effects of these exposures or effects linked to low-dose exposure. Epigenetic modifications play a central role in regulating various essential cellular processes. These modifications are extremely sensitive to changes in cell metabolism or cell signalling induced by environmental signals. Characterizing the relationship between environmental exposures, these modifications and their functions is essential to better understand how environmental signals can be linked to disease or long-term effects. In this Special Issue, we welcome review articles and original research studies exploring these aspects *in vitro*, in cellular and animal models as well as in human.

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### Guest Editors

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### Deadline for manuscript submissions

20 September 2025



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#### Editor-in-Chief

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