

Special Issue

New Challenges in the Monitoring, Risk Assessment and Management of Pesticides and Biocides in the “One Health Era”

Message from the Guest Editor

This Special Issue aims to address novel challenges in the monitoring, risk assessment and management of pesticides and biocides, within the framework of the One Health approach, which emphasizes the interrelation of **human, animal, and environmental health**. Contributions are invited in the following areas:

- innovative **analytical methods** for detecting pesticides and biocides across manifold matrices, including food, feed, animals, human biomonitoring, environmental samples, and indicator species;
- **risk assessment** and **toxicological studies** that explore their impacts (e.g., endocrine disruption, carcinogenicity and effects on pollinators);
- research on new **regulatory requirements** for the renewal and approval of bioactive substances.

By uniting multidisciplinary perspectives, this Issue seeks to foster scientific advancements and policy innovations that support sustainable and health-conscious chemical management.

Guest Editor

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Deadline for manuscript submissions

31 December 2025



Journal of Xenobiotics

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/229604

Journal of Xenobiotics
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Message from the Editor-in-Chief

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 27.6 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).