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## Big Data, Machine and Deep Learning Methods for Transformative Approaches in Toxicology

Guest Editor:

**Prof. Dr. Rashid Mehmood**

Faculty of Computer and  
Information Systems, Islamic  
University of Madinah, Madinah  
42351, Saudi Arabia

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### Message from the Guest Editor

Big data and artificial intelligence (AI) approaches, including machine and deep learning, are playing an increasingly important role in toxicology research. This field is still in its infancy, and more research is needed in areas such as predictive toxicology, adverse drug reactions, toxicity pathway analysis, environmental toxicology, image analysis, toxicity prediction for occupational and environmental exposure, risk assessment, and AI model explainability.

In the domains indicated above, this Special Issue asks for research on transformative big data, social and digital media, and AI approaches to toxicology. The current research in this context is in its infancy and requires more exploration from this multidisciplinary community.



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**Special Issue**



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## Editor-in-Chief

### Dr. Demetrio Raldúa

Department Environmental  
Chemistry, IDAEA-CSIC, Jordi  
Girona 18, 08034 Barcelona,  
Spain

## Message from the Editor-in-Chief

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*Toxics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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