

## Special Issue

# Environmental Exposures and Autism Spectrum Disorders

### Message from the Guest Editors

Autism spectrum disorders (ASD) are heterogeneous neurodevelopmental pathologies characterized by social interaction and communication impairments, together with restricted, repetitive, and stereotyped interests and behavior. ASD result from a complex multifactorial combination of genetic, epigenetic, environmental, and immunological factors. Many environmental factors that have epidemiological risk association with ASD exert their effects through epigenetic alterations. We invite authors to contribute original research articles and review articles that will focus on novel findings on the molecular, biochemical, and cellular basis of autism spectrum disorders, with special emphasis on epigenetic regulation, immune dysfunction, and environment and pollution contribution to ASD development. Potential topics include but are not limited to the following:

- Recent insights into autism spectrum disorders research;
- Identification of potential ASD risk factors;
- Recent advances in environment contribution to ASD.

### Guest Editors

Prof. Dr. Dario Siniscalco

Department of Experimental Medicine, University of Campania "Luigi Vanvitelli", 1680138 Naples, Italy

Prof. Paul Shattock

Pharmacist, Officer of the Order of the British Empire. Honorary Director of the Autism Research Unit, University of Sunderland, UK. Past-President of World Autism Organisation, London, UK.

### Deadline for manuscript submissions

closed (30 September 2021)



## International Journal of Environmental Research and Public Health

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## About the Journal

### Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

*IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

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### Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

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