Special Issue Title: BRIDGING BIOLOGY, ENVIRONMENT, AND ARTIFICIAL INTELLIGENCE FOR UNDERSTANDING HUMAN DISEASES

Scope / Description:

This Special Issue aims to explore innovative, integrative approaches at the intersection of biology, environmental science, and artificial intelligence to advance our understanding of human diseases. We invite contributions that bridge molecular, cellular, and systemic biology with computational, AI-driven, and translational research.

We particularly welcome studies addressing diverse disease areas, including but not limited to: oral health (e.g., periodontitis), ocular disorders, reproductive health, metabolic and endocrine conditions, and other complex human diseases. Both experimental and clinical investigations, as well as review and perspective articles, are encouraged.

Key topics of interest include:

- Molecular, cellular, and environmental determinants of disease
- Biomarkers discovery, validation, and mechanistic studies
- AI and machine learning applications for diagnosis, prognosis, and therapeutic optimization
- Multimodal data integration combining clinical, imaging, and omics datasets
- Translational and preclinical studies linking biological findings to clinical outcomes
- Natural compounds, bioactive materials, and innovative therapeutic strategies
- Systems biology and network-based approaches to disease understanding

This Special Issue seeks to foster interdisciplinary dialogue, connecting environmental and biological insights with computational tools to address complex challenges in human health. It provides a platform for innovative research that not only elucidates disease mechanisms but also paves the way for AI-assisted diagnostics, predictive modeling, and novel therapeutic approaches across multiple disease domains.

Manuscript Submission Information
Authors should follow the journal's submission guidelines and submit papers by 01 February 2026 via journal submission system.

Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere (except conference proceedings papers). All manuscripts are thoroughly refereed through a peer-review process. A guide for authors and other relevant information for submission of manuscripts is available on the Authors Guidelines page.

For any correspondence please contact to: journal@jomardpublishing.com

Important Dates:

• Deadline for Submissions: February 01, 2026
• Final notification: March 15, 2026

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