

## Special Issue

# Exploring the Lifespan Dynamics of Oral–Gut Microbiota Interactions

### Message from the Guest Editor

The oral–gut microbiota axis is an emerging research area. While traditionally examined independently, growing evidence suggests these microbial communities are closely linked and can influence one another through various mechanisms impacting systemic health. Recent research indicates the oral and gut microbiota are connected via enteral, hematogenous, and fecal–oral routes. These interactions are shaped by nutrition, age, health status, medications, and environmental factors. Certain dietary patterns play a key role in shaping both microbiomes. Imbalances in one site can lead to systemic effects, contributing to gastrointestinal disorders, inflammation, infections, and even cancer. The interplay between oral and gut microbiota underscores their role in maintaining overall health. Deeper insight into these interactions could lead to improved strategies for preventing and managing systemic diseases. This Special Issue welcomes observational and experimental studies, reviews, and meta-analyses on oral–gut microbiota interactions. It aims to: 1) provide a state-of-the-art overview; 2) explore underlying biological mechanisms; and 3) advance understanding of nutritional interventions.

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### Deadline for manuscript submissions

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## Nutrients

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*Nutrients* is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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