

Special Issue

Molecular and Cellular Basis of Oral Immunology

Message from the Guest Editor

The oral cavity is the port of entry to the gastrointestinal and respiratory tracts, characterized by the juxtaposition of soft and hard tissues. Understanding how this complex immune system functions within the unique oral environment at the molecular and cellular level is essential for advancing our knowledge of oral health and disease. This Special Issue, titled "Molecular and Cellular Basis of Oral Immunology", aims to showcase cutting-edge research exploring the cellular players, molecular mechanisms, signaling pathways, and intricate interactions that govern immune responses in the oral cavity. We invite submissions covering topics such as innate and adaptive immunity in oral tissues (mucosa, periodontium, salivary glands); immune cell phenotypes and functions unique to the oral site; the molecular recognition of oral pathogens and commensals; the role of immune cells and molecules in oral inflammation and tissue homeostasis; immunomodulation strategies; and the molecular and cellular underpinnings of immune-mediated oral diseases, including infections, autoimmune conditions, and oral cancers.

Guest Editor

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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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