

## Special Issue

# Understanding the Molecular Basis of Genetic Dental Diseases

### Message from the Guest Editor

Genetic dental diseases are caused by disruption of tooth development processes, and they show various symptoms depending on the cause of disturbance; for example, abnormality in number of teeth, shape of teeth, quality of teeth (e.g., enamel hypoplasia), abnormality in periodontal tissues, and tooth eruption. Furthermore, dental anomalies are often accompanied by inherited systemic diseases. However, the molecular basis of genetic dental diseases is not fully understood, and only a few of the genes responsible for genetic dental diseases have been identified. This Special Issue, entitled “Understanding the Molecular Basis of Genetic Dental Diseases”, aims to uncover novel findings on tooth development and contribute to clarifying the pathogenesis of genetic dental diseases. For this Special Issue, we warmly invite authors to submit original research papers and review articles focusing on the molecular basis of dental diseases and tooth development.

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### Guest Editor

Dr. Yuta Chiba

Division of Pediatric Dentistry, Department of Community Social Dentistry, Tohoku University Graduate School of Dentistry, Sendai, Japan

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### Deadline for manuscript submissions

30 April 2025



## Biology

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*Biology*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[biology@mdpi.com](mailto:biology@mdpi.com)

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### Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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Prof. Dr. Jukka Finne

Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology Institute, University of Valencia and CSIC, 46980 Valencia, Spain

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