

## Special Issue

# Molecular Researches on Cilia

### Message from the Guest Editors

Cilia, which are highly conserved, hair-like organelles projecting from the apical cell surface, have various functions in human health and development. Inherited or acquired disorders of cilia are known as motile ciliopathies or immotile ciliopathies. Clinical ciliopathy studies have revealed overlapping features between both ciliopathies in relation to situs inversus totalis, infertility, and hydrocephalus. However, at present, we have only limited knowledge with which to counter genetic and acquired disorders of cilia. Recent advances in the molecular research of cilia have revealed various functions of cilia, and helped increase our knowledge of cilia functions in health and disease through genetic, molecular, and cell biological insights. In this Special Issue, we would like to summarize evidence and challenges in recent molecular research on cilia.

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### Guest Editors

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Prof. Dr. Shinji Asano

Dr. kawaguchi kotoku

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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