# Special Issue

# Progress in Diagnosing and Managing Primary Ciliary Dyskinesia: 2nd Edition

## Message from the Guest Editor

Primary ciliary dyskinesia (PCD) is an inherited autosomal-recessive disorder of motile cilia that can result in severe multisystem. An early and accurate diagnosis of PCD is vital to implement appropriate treatment aimed at preventing lung damage in childhood and preserving lung function. Confirmation of a diagnosis of PCD relies on a combination of tests, including measurement of nasal nitric oxide as well as acquiring cells by nasal brushings for examination of cilia motility using high-speed video microscopy, immunofluorescence microscopy, transmission electron microscopy, and genotyping. To date, there are >50 known PCD genes that have been identified, which reflects the complexity of the disease and challenges to reach a diagnosis. Research to advance the current testing methodology including greater genetic and phenotypic knowledge and introduction of new technologies has the potential to improve the accuracy and turnaround time of diagnosis and to enhance the management of PCD patients. In this Special Issue, we are looking for original papers and reviews on the progress of diagnosing and managing PCD patients.

## Guest Editor

Dr. Thomas Burgoyne

1. UCL Institute of Ophthalmology, University College London, London, UK
2. Royal Brompton & Harefield NHS Trust, London, UK

## Deadline for manuscript submissions

closed (31 October 2023)

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*Diagnostics*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
diagnostics@mdpi.com

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### Editor-in-Chief

Prof. Dr. Andreas Kjaer
Department of Clinical Physiology, Nuclear Medicine & PET National University Hospital, Rigshospitalet, University of Copenhagen, Blegdamsvej 9, DK-2100 Copenhagen, Denmark

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