

# 大学院特別セミナー

## The molecular mechanisms of ciliopathy from the perspective of protein transport

タンパク質輸送から見た繊毛病の分子メカニズム

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日時：2023年7月3日(月) 17:00～18:30

場所：富山大学薬学部研究棟Ⅱ (7階) seminar room 8

Cilia are antenna-like microtubule-based structures that extend from the surface of various types of cells in vertebrates. Cilia function as a signaling center for multiple signal transduction pathways. Ciliary dysfunction leads to human diseases termed ‘ciliopathies’, which are characterized by a broad spectrum of symptoms, including polydactyly, cranio-facial abnormalities, brain malformation, obesity, polycystic kidney, anosmia, hearing loss, and retinal degeneration (retinitis pigmentosa).

I will review cilia and ciliopathy, then present our research focusing on cilia development and ciliopathy mechanisms from the perspective of ciliary protein transport by ciliary kinases which we have identified.

Lecture and slides will be presented in English. This seminar is eligible for graduate school credits. Live streaming by Zoom is also available.

Please contact to [mpin@adm.u-toyama.ac.jp](mailto:mpin@adm.u-toyama.ac.jp), if you wish.

講義、スライドとも英語で行います。本セミナーは大学院の単位認定の対象となります。

ズームによるライブ配信もあります。

受講希望の際は杉谷キャンパス学務課(内線:7657, E-mail:mpin@adm.u-toyama.ac.jp)へご連絡ください。

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