Live Webinar

2026.1.23 (Fri), 8-9 am

Functions of cancer-associated glycolipids and challenges to generate antibodies

Cancer cells frequently express unique antigens that are not found in normal cells. Various cancer-associated antigens have been elucidated to be glycosphingolipids, and have been used for diagnosis and therapeutics. Furthermore, their roles in the cancer development and expansion have been clarified using novel approaches. In particular, antibodies reactive with those cancer-associated glycolipids have played important roles in those functional analyses and also investigation of the molecular mechanisms for the carbohydrate structures on the cancer-associated antigens. In this presentation, recent findings on the functions of those glycolipids and our challenges to generate efficient antibodies, in particular using glycolipid-lacking knockout mice, will be reported.

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Prof. Koichi Furukawa is a Specially Designated Professor at Chubu University College of Life and Health Sciences. He received his M.D. from Nagoya University and conducted postdoctoral research at Sloan-Kettering Cancer Research Institute, New York. His work focuses on glycobiology in cancer and inflammation, exploring its potential for therapeutic and health science applications.

Before Prof. Furukawa's lecture, iBody will give a 10-minute introduction on its proprietary antibody discovery technology.

Registration is required (free of charge).

https://x.gd/b3VU0

iBody

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