

Symposium

[S04]Notch signaling: context dependency, niche, and diseases

Organizers: Motoyuki Itoh (Grad Sch Pharm, Chiba Univ), Takashi Minami (Inst Res Dev Anal, Kumamoto Univ)

Thu. Mar 26, 2020 9:00 AM - 11:00 AM [Room D] Room D (1F)

The Notch signaling pathway is highly conserved among species and regulates progenitor proliferation, differentiation, and alternate cell fate choice in a variety of tissues during development. In addition to its roles at developmental stages, the Notch signaling pathway also plays critical roles in organ homeostasis and pathogenesis in adults. Recent studies have revealed many instances of the roles and regulations for Notch signaling. However, there remain many unexplored questions, especially regarding organ/tissue-dependent microenvironment or pathological conditions-dependent roles and the precise regulation for the treatment of Notch-related diseases. In this symposium, our selected speakers will show recent advances in understanding the Notch signaling in different context-dependent pathological phenomena with neurons, cardiovascular, immune systems, muscle systems, and malignant cancers.

9:00 AM - 9:05 AM

[S04-Opening]Opening remarks/Introduction

Motoyuki Itoh¹ (1. Grad Sch Pharm, Chiba Univ)