

Institute for Protein Research(IPR) International Seminar
Co-sponsored by National Institute of Genetics

Looking to the future of Notch signaling

Date: **December 18th, 2014**

Venue: Institute for Protein Research, Osaka University

大阪大学吹田キャンパス・蛋白質研究所本館 1階講堂

阪急北千里駅下車・徒歩 15分、北大阪急行千里中央駅下車・タクシー 15分

または 大阪モノレール阪大病院前下車・徒歩 15分

- 9:45 Welcome remarks **Haruki Nakamura (Director of IPR)**
- 10:00 Identification of genetic modifiers that interact with *pecanex*, encoding a component of Notch signaling in *Drosophila* **Tomoko Yamakawa(Osaka Univ.)**
- 10:20 Extracellular *O*-GlcNAc: a potential regulator of Notch signaling pathway **Tetsuya Okajima (Nagoya Univ.)**
- 10:40 The importance of *O*-fucosyltransferase activity of Pofut1 for mouse somitogenesis **Rieko Ajima (NIG)**
- 11:00 <Keynote> Notch signaling , a paradigm of biological complexity **Spyros Artavanis-Tsakonas (Harvard Medical School)**
- 12:00 – Lunch –
- 13:20 <Lecture> Role of Notch signaling in colon cancer metastasis **M Mark Taketo (Kyoto Univ.)**
- 13:50 Two types of Notch signaling cooperate in epithelial patterning during lung organogenesis **Mitsuru Morimoto (RIKEN CDB)**
- 14:10 BNIP3 plays crucial roles in the differentiation and maintenance of epidermal keratinocytes **Mariko Moriyama (Kinki Univ.)**
- 14:30 The appropriate regulation of the Notch signaling activity is required for various neuronal subtype differentiation and the neurite outgrowth of V2b interneuron **Takamasa Mizoguchi (Chiba Univ.)**
- 14:50 – break –
- 15:10 <Lecture> Notch synergies, hyperplasia, and metastasis in *Drosophila* **Diana Ho (Harvard Medical School)**
- 15:40 Dynamic expression of Notch ligand Dll1 during development **Hiromi Shimojyo (Kyoto Univ.)**
- 16:00 Distinct function of Notch ligand Dll1 and Dll4 on lymphocyte development in vivo **Katsuto Hozumi (Tokai Univ.)**
- 16:20 Tumor-suppressive role for Notch signaling in acute myeloid leukemia **Takayasu Kato (Tsukuba Univ.)**
- 16:40 – break –
- 17:00 Evi1 maintains neural stem cell self-renewal through promoter remodeling to amplify the Notch response **Tobias Hohenauer (RIKEN BSI)**
- 17:20 Functional analysis of a mammalian homolog of almondex, a novel factor in Notch signaling **Wataru Masuda (Chiba Univ.)**
- 17:40 The regulation of Notch signaling by a lysosomal associated transmembrane protein **Kazuya Hori (Fukui Univ.)**
- 18:00 – Mixer–

オーガナイザー：松野 健治（阪大・理学研究科）、高木 淳一（阪大・蛋白研）、相賀 裕美子（遺伝研）

参加要領：参加費無料、事前登録不要、懇親会参加歓迎

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