

## 平成22年度における主な研究成果（抜粋）

### 論文名

Sugiura K and Ito K: Roles of Ets-1 and p70S6 kinase in chondrogenic and gliogenic specification of mouse mesencephalic neural crest cells. *Mechanisms of Development* 127: 169-182 (2010).

Kakutani H, Kondoh M, Fukasaka M, Suzuki H, Hamakubo T, and Yagi K: Mucosal vaccination using claudin-4-targeting. *Biomaterials* 31: 5463-5471 (2010).

Takemoto T, Uchikawa M, Yoshida M, Bell DM, Lovell-Badge R, Papaioannou VE, and Kondoh H: Tbx6-dependent Sox2 regulation determines neural or mesodermal fate in axial stem cells. *Nature* 470: 394-398 (2010).

Takamatsu H, Takegahara N, Nakagawa Y, Tomura M, Taniguchi M, Friedel RH, Rayburn H, Tessier-Lavigne M, Yoshida Y, Okuno T, Mizui M, Kang S, Nojima S, Tsujimura T, Nakatsuji Y, Katayama I, Toyofuku T, Kikutani H, and Kumanogoh A: Semaphorins guide the entry of dendritic cells into the lymphatics by activating myosin II. *Nature Immunology* 11: 594-600 (2010).

Funato Y, Terabayashi T, Sakamoto R, Okuzaki D, Ichise H, Nojima H, Yoshida N, and Miki H: Nucleoredoxin sustains Wnt/ $\beta$ -catenin signaling by retaining a pool of inactive dishevelled protein. *Current Biology* 20: 1945-1952 (2010).

Tokunaga F, Nakagawa T, Nakahara M, Saeki Y, Taniguchi M, Sataka S-I, Tanaka K, Nakano H, and Iwai K: Sharpin is a component of the NF- $\kappa$ B activating linear ubiquitin chain assembly complex. *Nature* 471: 633-636 (2011).