

## 平成 21 年度における主な研究成果 (抜粋)

### 論文名

Kokubu C, Horie K, Abe K, Ikeda R, Mizuno S, Uno Y, Ogiwara S, Ohtsuka M, Isotani A, Okabe M, Imai K, Takeda J: A transposon-based chromosomal engineering method to survey a large cis-regulatory landscape in mice. *Nature Genetics* 41: 946-952, 2009.

Kojima K, Kuramochi-Miyagawa S, Chuma S, Tanaka T, Nakatsuji N, Kimura T, Nakano T: Associations between PIWI Proteins and TDRD1/MTR-1 are critical for integrated subcellular localization in murine male germ cells. *Genes Cells*. 14: 1155-1165, 2009.

Okada K, Kobayashi Y: Characterization of oculomotor and visual activities in the primate pedunclopontine tegmental nucleus during visually guided saccade tasks. *European Journal of Neuroscience* 30: 2211-2223, 2009.

Fujihara Y, Murakami M, Inoue N, Satouh Y, Kaseda K, Ikawa M, Okabe M: Sperm equatorial segment protein 1, SPESP1, is required for fully fertile sperm in mouse. *J Cell Sci*. 123: 1531-1536, 2010.

Okuno T, Nakatsuji Y, Moriya M, Takamatsu H, Nojima S, Takegahara N, Toyofuku T, Nakagawa Y, Sujin Kang, Friedel RH, Sakoda S, Kikutani K, Kumanogoh A: Involvement of Sema4D-Plexin-B1 interactions in the CNS for pathogenesis of experimental autoimmune encephalomyelitis. *J. Immunol*. 184: 1499-1506, 2010.