

研究業績リスト

I. 原著論文

1. Shigetani, Y., Wakamatsu, Y., Tachibana, T., Okabe, M. Conversion of neural plate explants to pre-placodal ectoderm-like tissue in vitro. *Biochem. Biophys. Res. Commun.* 477, 807-813 (2016)
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3. Suzuki, T., Osumi, N., Wakamatsu, Y. Identification of the neural crest-specific enhancer of *Seraf* gene in avian peripheral nervous system development. *Biochem. Biophys. Res. Commun.* 467, 1103-1109 (2015)
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10. Noro M., Yuguchi H., Tsuihiji T., Yonei-Tamura S., Yokoyama H., Wakamatsu, Y., Tamura K. Role of paraxial mesoderm in limb/flank regionalization of the trunk lateral plate. *Dev. Dyn.* 240, 1639-1649 (2011)
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II. 著書・総説・その他の執筆活動

著書

1. 若松義雄. 末梢神経系の発生、神経堤とプラコード. 化学同人「脳の発生学-ニューロンの誕生・分化・回路形成」157-169, 2013
2. Nakamura N., Osumi N., Wakamatsu Y. Time-lapse observation of neural epithelium cell behavior in slice culture. *Bionanotechnology Based Future Medical Engineering Proceedings of the Tohoku University 21st Century Center of Excellence Programme*, 145-150 (2007)
3. Suzuki T., Sakai D., Osumi N., Wakamatsu Y. Expression of Sox9-interacting protein SC35/sfrs2 in avian embryos. *Bionanotechnology Based Future Medical Engineering Proceedings of the Tohoku University 21st Century Center of Excellence Programme*, 199-202 (2007)

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5. 若松義雄. リポフェクションによる鳥類神経冠細胞への遺伝子導入法. ニューロサイエンスラボマニュアル3「神経生物学研究に必要な胚と個体の遺伝子操作法」シュプリンガー・フェアラー東京 190-197, 1997

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邦文総説

1. 若松義雄、鈴木久仁博. 有袋類の繁殖戦略と特徴的な発生様式.
生体の科学特集「進化と発生からみた生命科学」66, 217-221, 2015
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7. 若松義雄. 発生過程に見る神経堤細胞のふるまいとその制御.
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実験医学増刊「発生・神経研究の最前線'96-'97」14, 141-146, 1996

その他の執筆活動

1. International Neuroinformatics Coordinating Faculty ネットサイト「脳科学事典」の「骨形成因子」、「上皮成長因子」、「毛様体神経栄養因子」、「グリア由来神経栄養因子」、「numb」の用語解説執筆
2. 東京化学同人「生化学事典」第4版、「Notch」の用語解説執筆

Ⅲ. 招待講演

(国際学会)

1. Shida H., Osumi N., Wakamatsu Y. Involvement of Notch-mediated lateral inhibition and subsequent planar cell migration of Delta1-expressing cells in avian otic placode formation. “Chick7, The 7th International Chick Meeting” Nagoya, Japan (2012)
2. Wakamatsu Y. Regulatory mechanisms for neural crest EMT. “San Francisco-Japan Joint Meeting on Vertebrate Organogenesis” San Francisco, USA (2008)
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5. Wakamatsu Y., Endo Y., Sakai D., Osumi N. Regulation of neural crest formation by Sox2, Slug and BMP4. “Boden International EMT Meeting” Port Douglas, Australia (2003)
6. Wakamatsu Y. Multiple signal inputs for proper neural crest formation. “The Neural Crest: New perspectives on lineage and morphogenesis” Oregon, USA (2003)

7. Wakamatsu Y., Maynard T. M., Weston J. A. Generation of neurons and glia from neural crest cells of avian embryo. 14th International Congress of developmental Biology. Kyoto, Japan (2001)