

Publication List

(Version July 14, 2014)

1. Original Articles (Written in English)

- 1) Takahiro Ishimoto, **Noritaka Nakamichi**, Hiroshi Hosotani, Yusuke Masuo, Tomoko Sugiura and Yukio Kato. Organic cation transporter-mediated ergothioneine uptake in mouse neural progenitor cells suppresses proliferation and promotes differentiation into neurons. *PLoS ONE*, 9(2), e89434, 2014.
- 2) Kazuya Takeuchi, Tomoko Sugiura, Kazuki Matsubara, Ren Sato, Takuya Shimizu, Yusuke Masuo, Masato Horikawa, **Noritaka Nakamichi**, Norihisa Ishiwata and Yukio Kato. Interaction of novel platelet-increasing agent eltrombopag with rosuvastatin via breast cancer resistance protein in human. *Drug Metab. Dispos.*, 42(4), 726-734, 2014.
- 3) Ken-ichi Fujita, Tomoko Sugiura, Hidenori Okumura, Saki Umeda, **Noritaka Nakamichi**, Yusuke Watanabe, Hiromichi Suzuki, Yu Sunakawa, Ken Shimada, Kaori Kawara, Yasutsuna Sasaki and Yukio Kato. Direct inhibition and down-regulation by uremic plasma components of hepatic uptake transporter for SN-38, an active metabolite of irinotecan, in humans. *Pharm. Res.*, 31(1), 204-215, 2014.
- 4) **Noritaka Nakamichi**, Hiroyo Shima, Satoshi Asano, Takahiro Ishimoto, Tomoko Sugiura, Kazuki Matsubara, Hiroyuki Kusuhara, Yuichi Sugiyama, Yoshimichi Sai, Ken-ichi Miyamoto, Akira Tsuji and Yukio Kato. Involvement of carnitine/organic cation transporter OCTN1/SLC22A4 in gastrointestinal absorption of metformin. *J. Pharm. Sci.*, 102(9), 3407-3417, 2013.
- 5) Takeshi Takarada*, Miki Kou*, **Noritaka Nakamichi**, Masato Ogura, Yuma Ito, Ryo Fukumori, Hiroshi Kokubo, Gabriela B. Acosta, Eiichi Hinoi and Yukio Yoneda. Myosin VI reduces proliferation, but not differentiation, in pluripotent P19 cells. *PLoS ONE*, 8(5), e63947, 2013. *Equally contributed.
- 6) Yoshihisa Shitara, **Noritaka Nakamichi**, Misaki Norioka, Hiroyo Shima, Yukio Kato and Toshiharu Horie. Role of organic cation/carnitine transporter 1 in uptake of phenformin and inhibitory effect on complex I respiration in mitochondria. *Toxicol. Sci.*, 132(1), 32-42, 2013.
- 7) Naoto Hashimoto, **Noritaka Nakamichi**, Shinya Uwafuji, Kohei Yoshida, Tomoko Sugiura, Akira Tsuji and Yukio Kato. ATP binding cassette transporters in two distinct compartments of skin contribute to transdermal absorption of a typical substrate. *J. Control. Release*, 165(1), 54-61, 2013.
- 8) Tomoko Sugiura*, Saki Takahashi*, Kazusa Sano*, Tetsushi Abe, Kazuhiro Fukuta, Kiichi Adachi, Toshikazu Nakamura, Kunio Matsumoto, **Noritaka Nakamichi** and Yukio Kato. Pharmacokinetic modeling of hepatocyte growth factor in experimental animals and humans. *J. Pharm. Sci.*, 102(1), 237-249, 2013. *Equally contributed.
- 9) Masato Ogura*, Takami Kakuda*, Takeshi Takarada*, **Noritaka Nakamichi**, Ryo Fukumori, Yeong-Hun Kim, Eiichi Hinoi and Yukio Yoneda. Promotion of both proliferation and differentiation in pluripotent P19 cells with stable overexpression of the glutamine transporter Slc38a1. *PLoS ONE*, 7(10), e48270, 2012. *Equally contributed.
- 10) **Noritaka Nakamichi**, Takayuki Taguchi, Hiroshi Hosotani, Tomohiko Wakayama, Takuya Shimizu, Tomoko Sugiura, Shoichi Iseki and Yukio Kato. Functional expression of carnitine/organic cation transporter OCTN1 in mouse brain neurons: Possible involvement in neuronal differentiation. *Neurochem. Int.*, 61(7), 1121-1132, 2012.
- 11) Takeshi Takarada, **Noritaka Nakamichi**, Seiya Kitajima, Ryo Fukumori, Ryota Nakazato, Nguyen Quynh Le, Yeong-Hun Kim, Koichi Fujikawa, Miki Kou and Yukio Yoneda. Promoted neuronal differentiation after activation of alpha4/beta2 nicotinic acetylcholine receptors in undifferentiated neural progenitors. *PLoS ONE*, 7(10), e46177, 2012.
- 12) Takeshi Takarada*, **Noritaka Nakamichi***, Hirofumi Kawagoe, Masato Ogura, Ryo Fukumori, Ryota Nakazato, Koichi Fujikawa, Miki Kou and Yukio Yoneda. Possible neuroprotective property of nicotinic acetylcholine receptors in association with predominant upregulation of glial cell line-derived neurotrophic factor in astrocytes. *J. Neurosci. Res.*, 90(11), 2074-2085, 2012. *Equally contributed.
- 13) Koichi Fujikawa*, **Noritaka Nakamichi***, Shunsuke Kato, Ryo Fukumori, Miho Hida, Takeshi

- Takarada and Yukio Yoneda. Delayed mitochondrial membrane potential disruption by ATP in cultured rat hippocampal neurons exposed to N-methyl-D-aspartate. *J. Pharmacol. Sci.*, 119(1), 20-29, 2012. *Equally contributed.
- 14) Yukary Nakamura, Noritaka Nakamichi, Takeshi Takarada, Kiyokazu Ogita and Yukio Yoneda. Transferrin receptor-1 suppresses neurite outgrowth in neuroblastoma Neuro2A cells. *Neurochem. Int.*, 60(5), 448-457, 2012.
 - 15) Takuya Shimizu, Tomoko Sugiura, Tomohiko Wakayama, Ai Kijima, Noritaka Nakamichi, Shoichi Iseki, David L. Silver and Yukio Kato. PDZK1 regulates breast cancer resistance protein in small intestine. *Drug Metab. Dispos.*, 39(11), 2148-2154, 2011.
 - 16) Yuki Kambe, Noritaka Nakamichi, Takeshi Takarada, Ryo Fukumori, Ryota Nakazato, Eiichi Hinoi and Yukio Yoneda. A possible pivotal role of mitochondrial free calcium in neurotoxicity mediated by N-methyl-d-aspartate receptors in cultured rat hippocampal neurons. *Neurochem. Int.*, 59(1), 10-20, 2011.
 - 17) Kazuya Takeuchi, Tomoko Sugiura, Saki Umeda, Kazuki Matsubara, Masato Horikawa, Noritaka Nakamichi, David L. Silver, Norihisa Ishiwata and Yukio Kato. Pharmacokinetics and hepatic uptake of eltrombopag, a novel platelet-increasing agent. *Drug Metab. Dispos.*, 39(6), 1088-1096, 2011.
 - 18) Masato Ogura, Takeshi Takarada, Noritaka Nakamichi, Hirofumi Kawagoe, Aya Sako, Ryota Nakazato and Yukio Yoneda. Exacerbated vulnerability to oxidative stress in astrocytic C6 glioma cells with stable overexpression of the glutamine transporter slc38a1. *Neurochem. Int.*, 58(4), 504-511, 2011.
 - 19) Masaki Fukui, Shusuke Ozawa, Noritaka Nakamichi, Ryota Nakazato, Takeshi Takarada and Yukio Yoneda. Gradual downregulation of protein expression of the partner GABA_BR2 subunit during postnatal brain development in mice defective of GABA_BR1 subunit. *J. Pharmacol. Sci.*, 115(1), 45-55, 2011.
 - 20) Tomoko Sugiura, Toru Otake, Takuya Shimizu, Tomohiko Wakayama, David L. Silver, Rie Utsumi, Tomohiro Nishimura, Shoichi Iseki, Noritaka Nakamichi, Yoshiyuki Kubo, Akira Tsuji and Yukio Kato. PDZK1 regulates organic anion transporting polypeptide Oatp1a in mouse small intestine. *Drug Metab. Pharmacokin.*, 25(6), 588-598, 2010.
 - 21) Ryo Fukumori, Takeshi Takarada, Noritaka Nakamichi, Yuki Kambe, Hirofumi Kawagoe, Ryota Nakazato and Yukio Yoneda. Requirement of both NR3A and NR3B subunits for dominant negative properties on Ca²⁺ mobilization mediated by acquired N-methyl-D-aspartate receptor channels into mitochondria. *Neurochem. Int.*, 57(7), 730-737, 2010.
 - 22) Tomoko Sugiura, Sayaka Kato, Takuya Shimizu, Tomohiko Wakayama, Noritaka Nakamichi, Yoshiyuki Kubo, Daisuke Iwata, Kazuhiro Suzuki, Tomoyoshi Soga, Masahide Asano, Shoichi Iseki, Ikumi Tamai, Akira Tsuji and Yukio Kato. Functional Expression of Carnitine/Organic Cation Transporter OCTN1/SLC22A4 in mouse small intestine and liver. *Drug Metab. Dispos.*, 38(10), 1665-1672, 2010.
 - 23) Noritaka Nakamichi*, Ryo Fukumori*, Takeshi Takarada, Yuki Kambe, Tomomi Yamamoto, Nobuyuki Matsushima, Nobuaki Moriguchi and Yukio Yoneda. Preferential inhibition by antidiarrheic 2-methoxy-4-methylphenol of Ca²⁺ influx across acquired N-methyl-D-aspartate receptor channels composed of NR1/NR2B subunit assembly. *J. Neurosci. Res.*, 88(11), 2483-2493, 2010. *Equally contributed.
 - 24) Yuki Kambe, Noritaka Nakamichi, Takeshi Takarada, Ryo Fukumori and Yukio Yoneda. Induced tolerance to glutamate neurotoxicity through down-regulation of NR2 subunits of N-methyl-D-aspartate receptors in cultured rat striatal neurons. *J. Neurosci. Res.*, 88(10), 2177-2187, 2010.
 - 25) Ryo Fukumori*, Noritaka Nakamichi*, Takeshi Takarada, Yuki Kambe, Nobuyuki Matsushima, Nobuaki Moriguchi and Yukio Yoneda. Inhibition by 2-methoxy-4-ethylphenol of Ca²⁺ influx through acquired and native N-methyl-D-aspartate-receptor channels. *J. Pharmacol. Sci.*, 112(3), 273-281, 2010. *Equally contributed.
 - 26) Kazuhiro Takuma, Fang Fang, Wensheng Zhang, Shiqiang Yan, Emiko Fukuzaki, Heng Du, Alexander

- Sosunov, Guy McKhann, Yoko Funatsu, **Noritaka Nakamichi**, Taku Nagai, Hiroyuki Mizoguchi, Daisuke Ibi, Osamu Hori, Satoshi Ogawa, David M. Stern, Kiyofumi Yamada and Shirley ShiDu Yan. RAGE-mediated signaling contributes to intraneuronal transport of amyloid- β and neuronal dysfunction. *Proc. Natl. Acad. Sci. U.S.A.*, 106(47), 20021-20026, 2009.
- 27) Takeshi Takarada*, Keisuke Tamaki*, Toru Takumi, Masato Ogura, Yuma Ito, **Noritaka Nakamichi** and Yukio Yoneda. A protein-protein interaction of stress-responsive myosin VI endowed to inhibit neural progenitor self-replication with RNA binding protein, TLS, in murine hippocampus. *J. Neurochem.*, 110(5), 1457-1468, 2009. *Equally contributed.
 - 28) **Noritaka Nakamichi**, Yukichi Ishioka, Takao Hirai, Shusuke Ozawa, Masaki Tachibana, Nobuhiro Nakamura, Takeshi Takarada and Yukio Yoneda. Possible promotion of neuronal differentiation in fetal rat brain neural progenitor cells after sustained exposure to static magnetism. *J. Neurosci. Res.*, 87(11), 2406-2417, 2009.
 - 29) Bin Gu*, **Noritaka Nakamichi***, Wen-Sheng Zhang, Yukary Nakamura, Yuki Kambe, Ryo Fukumori, Kazuhiro Takuma, Kiyofumi Yamada, Takeshi Takarada, Hideo Taniura and Yukio Yoneda. Possible protection by notoginsenoside R1 against neurotoxicity of N-methyl-D-aspartate receptor composed of an NR1/NR2B heteromeric assembly. *J. Neurosci. Res.*, 87(9), 2145-2156, 2009. *Equally contributed.
 - 30) **Noritaka Nakamichi***, Kohei Yoshida*, Yukichi Ishioka, Juliet O. Makanga, Masaki Fukui, Masanori Yoneyama, Tomoya Kitayama, Nobuhiro Nakamura, Hideo Taniura and Yukio Yoneda. Group III metabotropic glutamate receptor activation suppresses self-replication of undifferentiated neocortical progenitor cells. *J. Neurochem.*, 105(5), 1996-2012, 2008. *Equally contributed.
 - 31) Masaki Fukui*, **Noritaka Nakamichi***, Masanori Yoneyama, Kohei Yoshida, Shusuke Ozawa, Tomoya Kitayama, Nobuhiro Nakamura, Hideo Taniura and Yukio Yoneda. Upregulation of ciliary neurotrophic factor expression by GABA_A receptors in undifferentiated neural progenitors of fetal mouse brain. *J. Neurosci. Res.*, 86(12), 2615-2623, 2008. *Equally contributed.
 - 32) Yuki Kambe, **Noritaka Nakamichi**, Danko D. Georgiev, Nobuhiro Nakamura, Hideo Taniura and Yukio Yoneda. Insensitivity to glutamate neurotoxicity mediated by N-methyl-D-aspartate receptors in association with delayed mitochondrial membrane potential disruption in cultured rat cortical neurons. *J. Neurochem.*, 105(5), 1886-1900, 2008.
 - 33) Masanori Yoneyama*, **Noritaka Nakamichi***, Masaki Fukui, Tomoya Kitayama, Danko D. Georgiev, Juliet O. Makanga, Nobuhiro Nakamura, Hideo Taniura and Yukio Yoneda. Promotion of neuronal differentiation through activation of NMDA receptors transiently expressed by undifferentiated neural progenitor cells in fetal rat neocortex. *J. Neurosci. Res.*, 86(11), 2392-2402, 2008. *Equally contributed.
 - 34) Masaki Fukui*, **Noritaka Nakamichi***, Masanori Yoneyama, Shusuke Ozawa, Sayumi Fujimori, Yoshifumi Takahata, Nobuhiro Nakamura, Hideo Taniura and Yukio Yoneda. Modulation of cellular proliferation and differentiation through GABA_B receptors expressed by undifferentiated neural progenitor cells isolated from fetal mouse brain. *J. Cell. Physiol.*, 216(2), 507-519, 2008. *Equally contributed.
 - 35) Keisuke Tamaki, Kiyofumi Yamada, **Noritaka Nakamichi**, Hideo Taniura and Yukio Yoneda. Transient suppression of progenitor cell proliferation through NMDA receptors in hippocampal dentate gyrus of mice with traumatic stress experience. *J. Neurochem.*, 105(5), 1642-1655, 2008.
 - 36) Keisuke Tamaki, Masaki Kamakura, **Noritaka Nakamichi**, Hideo Taniura and Yukio Yoneda. Upregulation of Myo6 expression after traumatic stress in mouse hippocampus. *Neurosci. Lett.*, 433(3), 183-187, 2008.
 - 37) Chie Sugiyama*, **Noritaka Nakamichi***, Masato Ogura, Eriko Honda, Sayaka Maeda, Hideo Taniura and Yukio Yoneda. Activator protein-1 responsive to the group II metabotropic glutamate receptor subtype in association with intracellular calcium in cultured rat cortical neurons. *Neurochem. Int.*, 51(8), 467-475, 2007. *Equally contributed.
 - 38) Nobuyuki Matsushima*, **Noritaka Nakamichi***, Yuki Kambe, Katsura Takano, Nobuaki Moriguchi and Yukio Yoneda. Cytoprotective properties of phenolic antidiarrheic ingredients in cultured astrocytes and neurons of rat brains. *Eur. J. Pharmacol.*, 567(1-2), 59-66, 2007. *Equally contributed.

- 39) Masato Ogura*, Hideo Taniura*, **Noritaka Nakamichi** and Yukio Yoneda. Upregulation of the glutamine transporter through transactivation mediated by cAMP/protein kinase A signals toward exacerbation of vulnerability to oxidative stress in rat neocortical astrocytes. *J. Cell. Physiol.*, 212(2), 375-385, 2007. *Equally contributed.
- 40) Masanori Yoneyama*, Masaki Fukui*, **Noritaka Nakamichi**, Tomoya Kitayama, Hideo Taniura and Yukio Yoneda. Activation of GABA_A receptors facilitates astroglial differentiation induced by ciliary neurotrophic factor in neural progenitors isolated from fetal rat brain. *J. Neurochem.*, 100(6), 1667-1679, 2007. *Equally contributed.
- 41) Taku Nagai, Kazuhiro Takuma, Hiroyuki Kamei, Yukio Ito, **Noritaka Nakamichi**, Daisuke Ibi, Yutaka Nakanishi, Masaaki Murai, Hiroyuki Mizoguchi, Toshitaka Nabeshima and Kiyofumi Yamada. Dopamine D1 receptors regulate protein synthesis-dependent long-term recognition memory via extracellular signal-regulated kinase 1/2 in the prefrontal cortex. *Learn Mem.*, 14(2), 117-125, 2007.
- 42) **Noritaka Nakamichi** and Yukio Yoneda. Maturation-dependent reduced responsiveness of intracellular free Ca²⁺ ions to repeated stimulation by N-methyl-D-aspartate in cultured rat cortical neurons. *Neurochem. Int.*, 49(3), 230-237, 2006.
- 43) Liyang Wang*, Eiichi Hinoi*, Akihiro Takemori, **Noritaka Nakamichi** and Yukio Yoneda. Glutamate inhibits chondral mineralization through apoptotic cell death mediated by retrograde operation of the cystine/glutamate antiporter. *J. Biol. Chem.*, 281(34), 24553-24565, 2006. *Equally contributed.
- 44) Taku Nagai*, Mina Ito*, **Noritaka Nakamichi**, Hiroyuki Mizoguchi, Hiroyuki Kamei, Ayumi Fukakusa, Toshitaka Nabeshima, Kazuhiro Takuma and Kiyofumi Yamada. The Rewards of Nicotine: Regulation by Tissue Plasminogen Activator-Plasmin System through Protease Activated Receptor-1. *J. Neurosci.*, 26(47), 12374-12383, 2006. *Equally contributed.
- 45) Mina Ito*, Taku Nagai*, Hiroyuki Kamei, **Noritaka Nakamichi**, Toshitaka Nabeshima, Kazuhiro Takuma and Kiyofumi Yamada. Involvement of tissue plasminogen activator-plasmin system in depolarization-evoked dopamine release in the nucleus accumbens of mice. *Mol. Pharmacol.*, 70(5), 1720-1725, 2006. *Equally contributed.
- 46) Masato Ogura, **Noritaka Nakamichi**, Katsura Takano, Hirotaka Oikawa, Yuki Kambe, Yu Ohno, Hideo Taniura and Yukio Yoneda. Functional expression of a glutamine transporter responsive to downregulation by lipopolysaccharide through reduced promoter activity in cultured rat neocortical astrocytes. *J. Neurosci. Res.*, 83(8), 1447-1460, 2006.
- 47) Yasuaki Goto*, Hideo Taniura*, Kiyofumi Yamada, Takao Hirai, Noriko Sanada, **Noritaka Nakamichi** and Yukio Yoneda. The magnetism responsive gene Ntn1 in mouse brain. *Neurochem. Int.*, 49(4), 334-341, 2006. *Equally contributed.
- 48) Hideo Taniura, Minoru Ito, Noriko Sanada, Nobuyuki Kuramoto, Yu Ohno, **Noritaka Nakamichi** and Yukio Yoneda. Chronic vitamin D3 treatment protects against neurotoxicity by glutamate in association with upregulation of vitamin D receptor mRNA expression in cultured rat cortical neurons. *J. Neurosci. Res.*, 83(7), 1179-1189, 2006.
- 49) **Noritaka Nakamichi***, Yuki Kambe*, Hirotaka Oikawa, Masato Ogura, Katsura Takano, Keisuke Tamaki, Maki Inoue, Eiichi Hinoi and Yukio Yoneda. Protection by exogenous pyruvate through a mechanism related to monocarboxylate transporters against cell death induced by hydrogen peroxide in cultured rat cortical neurons. *J. Neurochem.*, 93(1), 84-93, 2005. *Equally contributed.
- 50) Nobuyuki Kuramoto, Keita Kubo, Kiyokazu Ogita, Jan Platenik, Vladimir J. Balcar, Takeshi Takarada, **Noritaka Nakamichi** and Yukio Yoneda. Nuclear condensation of cyclic AMP responsive element binding protein in murine discrete brain structures. *J. Neurosci. Res.*, 80(5), 667-676, 2005.
- 51) Hirotaka Oikawa, **Noritaka Nakamichi**, Yuki Kambe, Masato Ogura and Yukio Yoneda. An increase in intracellular free calcium ions by nicotinic acetylcholine receptors in a single cultured rat cortical astrocyte. *J. Neurosci. Res.*, 79(4), 535-544, 2005.
- 52) **Noritaka Nakamichi**, Glyn Chidlow and Neville N. Osborne. Effects of intraocular injection of a low concentration of zinc on the rat retina. *Neuropharmacol.*, 45(5), 637-648, 2003.
- 53) **Noritaka Nakamichi**, Hiroshi Ohno, Yoichi Nakamura, Takao Hirai, Nobuyuki Kuramoto and Yukio Yoneda. Blockade by ferrous iron of Ca²⁺ influx through N-methyl-D-aspartate receptor channels in

immature cultured rat cortical neurons. *J. Neurochem.*, 83(1), 1-11, 2002.

- 54) **Noritaka Nakamichi**, Hiroshi Ohno, Nobuyuki Kuramoto and Yukio Yoneda. Dual mechanisms of Ca^{2+} increases elicited by N-methyl-D-aspartate in immature and mature cultured cortical neurons. *J. Neurosci. Res.*, 67(2), 275-283, 2002.
- 55) **Noritaka Nakamichi**, Takayuki Manabe and Yukio Yoneda. Nuclear degradation of particular Fos family members expressed following injections of NMDA and kainate in murine hippocampus. *Neurochem. Res.*, 27(1-2), 131-138, 2002.
- 56) Takao Hirai, **Noritaka Nakamichi** and Yukio Yoneda. Activator protein-1 complex expressed by magnetism in cultured rat hippocampal neurons. *Biochem. Biophys. Res. Commun.*, 292(1), 200-207, 2002.
- 57) Takayuki Manabe, Kiyokazu Ogita, **Noritaka Nakamichi** and Yukio Yoneda. Differential in vitro degradation of particular Fos family members expressed by kainic acid in nuclear and cytosolic fractions of murine hippocampus. *J. Neurosci. Res.*, 64(1), 34-42, 2001.
- 58) Takayuki Manabe, Nobuyuki Kuramoto, **Noritaka Nakamichi**, Katsuhide Aramachi, Katsuhiro Baba, Takao Hirai, Masanori Yoneyama and Yukio Yoneda. Degradation of c-Fos protein expressed by N-methyl-D-aspartic acid in nuclear fractions of murine hippocampus. *Brain Res.*, 905(1-2), 34-43, 2001.

2. Review Articles and Book Chapters (Written in English)

- 1) **Noritaka Nakamichi** and Yukio Yoneda. Glutamatergic signaling in neurogenesis. *Neurovascular Medicine*, (Maiese K., ed.), 2009, pp. 269-288, Oxford University Press, New York.
- 2) **Noritaka Nakamichi**, Takeshi Takarada and Yukio Yoneda. Neurogenesis mediated by GABA and glutamate signaling. *J. Pharmacol. Sci.*, 110(2), 133-149, 2009.
- 3) **Noritaka Nakamichi** and Yukio Yoneda. Functional proteins involved in regulation of intracellular Ca^{2+} for drug development: Desensitization of N-methyl-D-aspartate receptor channels. *J. Pharmacol. Sci.*, 97(3), 348-350, 2005.
- 4) **Noritaka Nakamichi**, Hirotaka Oikawa, Yuki Kambe and Yukio Yoneda. Relevant modulation by ferrous ions of N-methyl-D-aspartate receptors in ischemic brain injuries. *Curr. Neurovasc. Res.*, 1(5), 429-440, 2004.
- 5) **Noritaka Nakamichi** and Yukio Yoneda. Transcription factors and drugs in the brain. *Jpn. J. Pharmacol.*, 89(4), 337-348, 2002.
- 6) Eiichi Hinoi, Vladimir J. Balcar, Nobuyuki Kuramoto, **Noritaka Nakamichi** and Yukio Yoneda. Nuclear transcription factors in the hippocampus. *Prog. Neurobiol.*, 68(2), 145-165, 2002.

3. Original Article (Written in Japanese)

- 1) **中道 範隆**, 及川 弘崇, 神戸 悠輝, 大野 悠, 米田 幸雄. 大脳皮質由来培養神経細胞における遊離二価鉄イオンによる N-methyl-D-aspartate 受容体チャネルの開口調節機構. *日本神経精神薬理学雑誌*, 25(2), 105-113, 2005.

4. Review Articles and Book Chapters (Written in Japanese)

- 1) **中道 範隆**. 神経系前駆細胞における機能的グルタミン酸シグナリング. *薬学雑誌*, 131(9), 1311-1316, 2011.
- 2) **中道 範隆**, 米田 幸雄. 第6章 アミノ酸伝達物質. *クーパー・ブルーム・ロス 神経薬理学* (樋口 宗史 監訳), 2005, pp. 95-134, メディカル・サイエンス・インターナショナル, 東京.