２０１１年度「口腔環境制御研究」報告： 北海道大学歯学部

口腔分子微生物学教室

1. Kiura K, Hasebe A, Saeki A, Segawa T, Okada F, Shamsul HM, Ohtani M, Into T, Inoue N, Wakita M, Shibata K. *In vivo* anti- and pro-tumour activities of the TLR2 ligand FSL-1. ***Immunobiology*** 216: 891-900, 2011.
2. Ohtani M, Iyori M, Saeki A, Tanizume N, Into T, Hasebe A, Totsuka Y, Shibata K. Involvement of suppressor of cytokine signaling-1-mediated degradation of MyD88-adaptor-like protein in the suppression of Toll-like receptor 2-mediated signaling by the murine C-type lectin SIGNR1-mediated signaling. ***Cell Microbiol*** 14(1):40-57, 2012.
3. Inomata, M., Niida, S., Shibata, K., and Into, T. Regulation of Toll-like receptor signaling by NDP52-mediated selective autophagy is normally inactivated by A20. ***Cell Mol Life Sci*** 69(6): 963-79. 2012.

口腔機能解剖学教室

1. Matsushita K, Wang W, Itoh S, Domon T, Funahashi M, Tosuka Y.
   Dental pulp can be a good candidate for nerve grafting in a xeno-graft model.
   J Neurosci Meth, 205: 246-251, 2012.

口腔病理病態学教室

1. Nitta Y, Hida K, Kitamura T, Higashino F, Fukushima K, Shindoh M: The phenotype of tumor lymphatic vessels could be a prognostic factor in human tongue squamous cell carcinoma. ***Oncol Lett***, 2:79-83, 2011
2. Kurosu T, Ohga N, Hida Y, Maishi N, Akiyama K, Kakuguchi W, Kuroshima T, Kondo M, Akino T, Totsuka Y, Shindoh M, Higashino F, Hida K: HuR keeps an angiogenic switch on by stabilizing mRNA of VEGF and COX-2 in tumor endothelium. ***Br J Cancer***, 104:819-829, 2011.
3. Yamada T, Tsuda M, Takahashi T, Kawaguchi H, Totsuka Y, Shindoh M, Ohba Y: RANKL expression specifically observed in vivo promotes epithelial mesenchymal transition and tumor progression. ***Am J Pathol***, 178:2846-2857, 2011.
4. Kuroshima T, Aoyagi M, Yasuda M, Kitamura T, Jehung JP, Ishikawa M, Kitagawa Y, Totsuka Y, Shindoh M, Higashino F: Viral-mediated stabilization of AU-rich element containing mRNA contributes to cell transformation. ***Oncogene,*** 30:2912-2920, 2011.
5. Shigeishi H, Sugiyama M, Tahara H, Ono S, Bhawai UK, Okura M, Kogo M, Shinohara M, Shindoh M, Shintani S, Hamakawa H, Takata T, Kamata N: Increased telomerase activity and hTERT expression in human salivary gland carcinomas. ***Oncol Lett***, 2:845-850, 2011
6. Hida K, Kawamoto T, Ohga N, Akiyama K, Hida Y, Shindoh M: Altered angiogenesis in the tumor microenvironment. ***Pathol Int***, 61:630-637, 2011

細胞分子薬理学教室

1. Kenjiro Shibata, Yoshitaka Yoshimura, Takashi Kikuiri, Tomokazu Hasegawa, Yumi Taniguchi, Yoshiaki Deyama, Kuniaki Suzuki, Junichiro Iida: Effect of the release from mechanical stress on osteoclastogenesis in RAW264.7 cells. ***Int J Mol Med*** 28:73-79, 2011
2. Hajime Minamikawa , Masahiro Yamada , Yoshiaki Deyama, Masayuki Kaga, Kuniaki Suzuki , Yasutaka Yawaka , Takahiro Ogawa, Effect of N-Acetyl Cysteine on Rat Dental Pulp Cells cultured on Mineral Trioxide Aggregate.: ***J Endodon.*** 37 :637-641, 2011)
3. 石川一郎、出山義昭、吉村善隆、鈴木邦明:フッ素によるアルミニウムに依存した Na,K-ATPase 活性の抑制. **北海道歯学雑誌** 31(2): 44-51, 2011
4. 野呂洋輔、大廣洋一、鄭　漢忠、吉村善隆、出山義昭、飯塚　正、鈴木邦明、戸塚靖則(2011):家兎下顎骨骨空洞の治癒過程における PLGA・コラーゲン・ハイブリッドメッシュの有用性の検討. **北海道歯学雑誌** 31(2): 62-69, 2011
5. Koich Nakamura, Yoshiaki Deyama, Yoshitaka Yoshimura, Masanori Hashimoto, Masayuki Kaga, Kuniaki Ssuzuki, Yasutaka Yawaka, Tannin-fluoride preparation attenuates prostaglandin E_2 production by dental pulp cells. ***Mol Med Report*** 4:641-644 (2011)
6. Mayumi Nomura, Yoshitaka Yoshimura, Takashi Kikuiri, Tomokazu Hasegawa, Yumi Taniguchi, Yoshiaki Deyama, Ken-ichi Koshiro, Hidehiko Sano, Kuniaki Suzuki, Nobuo Inoue, Platinum nanoparticles suppress osteoclastogenesis through scavenging of reactive oxygen species produced in RAW264.7 cells. ***J Pharmacol Sci*** 117:243-252, 2011
7. Kimiya Nakamura, Yoshiaki Deyama, Yoshitaka Yoshimura, Kuniaki Suzuki, Manabu Morita: Toll like receptor 5 ligand induces monocyte chemoattractant protein-1 in mouse osteoblastic cells. ***Biomed Res*** 33:39-44, 2012
8. Makiko Shibuya, Toshifumi Hiraoki, Kunie Kimura, Kuniaki Suzuki, Kazuaki Fukushima, The effects of general anesthetics on ESR spectra of spin labels in phosphatidylcholine vesicles containing purified Na,K-ATPase or microsomal protein. ***Appl Surf Sci***, in press (2012)
9. Yuri Hase, Yoshiaki Deyama, Yoshitaka Yoshimura, Kuniaki Suzuki, Kazuaki Fukushima, Mechanism for propofol inhibition of Na,K-ATPase activity in rat brain（英語論文）. **北海道歯誌**.32, 147-155, 2012
10. 飯岡拓馬，出山義昭，吉村善隆，鈴木邦明：ヒトアルカリ性ホスファターゼ・アイソザイムの阻害剤に対する感受性の相違. **北海道歯誌**，202-209, 2012
11. 田仲宏光，出山義昭，吉村善隆，鈴木邦明，福島和昭：ラット脳カルシウム ATPase 活性の静脈麻酔薬による抑制，**北海道歯誌**，202-209, 2012