

- Finger, K., Roth, S., Rebsamen, M., Hanneschlager, N., Schlee, M., Rothenfusser, S., Barchet, W., Kato, H., Akira, S., Inoue, S., Endres, S., Peschel, C., Hartmann, G., Hornung, V., Ruland, J.: RIG-I is a dual activator of Card9 and inflammasome signaling for IL-1 $\beta$  production upon RNA virus recognition. *Nat Immunol* 11, 63-69, 2010.
29. Azuma, K., Urano, T., Ouchi, Y., Inoue, S.: Glucocorticoid-induced gene tripartite motif-containing 63 (TRIM63) promotes differentiation of osteoblastic cells. *Endocr J* 57, 455-462, 2010.
30. Ikeda, K., Fukushima, T., Ogura, H., Tsukui, T., Mishina, M., Muramatsu, M., Inoue, S.: Estrogen regulates the expression of *N*-methyl-D-aspartate (NMDA) receptor subunit epsilon 4 (*Grin2d*), that is essential for the normal sexual behavior in female mice. *FEBS Lett* 584, 806-810, 2010.
31. Mori, K., Horie-Inoue, K., Gehlbach, P.L., Takita, H., Kabasawa, S., Kawasaki, I., Ohkubo, T., Kurihara, S., Iizuka, H., Miyashita, Y., Katayama, S., Awata, T., Yoneya, S., Inoue, S.: Phenotype and Genotype Characteristics of Age-related Macular Degeneration in a Japanese Population. *Ophthalmol* 117, 928-938, 2010.
32. Kurosawa, T., Hiroi, H., Momoeda, M., Inoue, S., Taketani, Y.: Clomiphene citrate elicits estrogen agonistic/antagonistic effects differentially via estrogen receptors  $\alpha$  and  $\beta$ . *Endocr J* 57, 517-521, 2010
33. Fujimura, T., Takahashi, S., Urano, T., Ijichi, N., Ikeda, K., Kumagai, J., Murata, T., Takayama, K., Horie-Inoue, K., Ouchi, Y., Muramatsu, M., Homma, Y., Inoue, S.: Differential expression of estrogen-related receptors  $\beta$  and  $\gamma$  (ERR $\beta$  and ERR $\gamma$ ) and their clinical significance in human prostate cancer. *Cancer Sci* 101, 646-651, 2010.
34. Ueyama, K., Ikeda, K., Sato, W., Nakasato, N., Horie-Inoue, K., Takeda, S., Inoue, S.: Knock-down of Efp by DNA-modified small interfering RNA inhibits breast cancer cell proliferation and *in vivo* tumor growth. *Cancer Gene Ther* 17, 624-632, 2010.
35. Onodera, Y., Miki, Y., Suzuki, T., Takagi, K., Akahira, J.I., Sakyu, T., Watanabe, M., Inoue, S., Ishida, T., Ohuchi, N., Sasano, H.: Runx2 in human breast carcinoma: its potential roles in cancer progression. *Cancer Sci* 101, 2670-2675, 2010.
36. Murata, T., Takayama, K., Katayama, S., Urano, T., Horie-Inoue, K., Ikeda, K., Takahashi, S., Kawazu, C., Hasegawa, A., Ouchi, Y., Homma, Y., Hayashizaki, Y., Inoue, S.: miR-148a is an androgen-responsive microRNA that promotes LNCaP prostate cell growth by repressing its target *CAND1* expression. *Prostate Cancer Prostatic Dis* 13, 356-361, 2010.
37. Oyama, M., Nagashima, T., Suzuki, T., Kozuka-Hata, H., Yumoto, N., Shiraishi, Y., Ikeda, K., Kuroki, Y., Gotoh, N., Ishida, T., Inoue, S., Kitano, H., Okada-Hatakeyama, M.: Integrated Quantitative Analysis of the Phosphoproteome and Transcriptome in Tamoxifen-Resistant Breast Cancer. *J Biol Chem* 286, 818-829, 2011.
38. Takayama, K., Tsutsumi, S., Katayama, S., Okayama, T., Horie-Inoue, K., Ikeda, K., Urano, T., Kawazu, C., Hasegawa, A., Ikeo, K., Gojyobori, T., Ouchi, Y., Hayashizaki, Y., Aburatani, H., Inoue, S.: Integration of cap analysis of gene expression and chromatin

- immunoprecipitation analysis on array reveals genome-wide androgen receptor signaling in prostate cancer cells. *Oncogene* 30, 619-630, 2011.
39. Urano, T., Narusawa, K., Sasaki, N., Shiraki, M., Hosoi, T., Ouchi, Y., Nakamura, T., Inoue, S.: A single-nucleotide polymorphism in the hyaluronan and proteoglycan link protein 1 (HAPLN1) gene is associated with spinal osteophyte formation and disc degeneration in Japanese women. *Eur Spine J* 20, 572-577, 2011.
  40. Ijichi, N., Shigekawa, T., Ikeda, K., Horie-Inoue, K., Fujimura, T., Tsuda, H., Osaki, A., Saeki, T., Inoue, S.: Estrogen-related receptor  $\gamma$  modulates cell proliferation and estrogen signaling in breast cancer. *J Steroid Biochem Mol Biol* 123, 1-7, 2011.
  41. Tsuchihashi, T., Mori, K., Horie-Inoue, K., Gehlbach, P.L., Kabasawa, S., Takita, H., Ueyama, K., Okazaki, Y., Inoue, S., Awata, T., Katayama, S., Yoneya, S.: Association of the Gene Variants of Compliment Factor H and High-Temperature Requirement A-1 Genotypes with Response of Age-related Macular Degeneration to Photodynamic Therapy. *Ophthalmol* 118, 93-100, 2011.
  42. Nakajima, Y., Osakabe, A., Suzuki, T., Kishimoto, Y., Kuroda, T., Fujimura, T., Homma, Y., Murayama, A., Inoue, S., Yanagisawa, J.: KLF5-ER $\beta$  pathway is responsible for the contradictory effects of estrogen on prostate tumor formation. *Sci Signal* 4, ra22, 2011.
  43. Kou, I., Takahashi, A., Urano, T., Fukui, N., Ito, H., Ozaki, K., Tanaka, T., Hosoi, T., Shiraki, M., Inoue, S., Nakamura, Y., Kamatani, N., Kubo, M., Mori, S., Ikegawa, S.: Common Variants in a Novel Gene, *FONG* on Chromosome 2q33.1 Confer Risk of Osteoporosis in Japanese. *PLoS ONE* 6, e19641, 2011.
  44. Obinata, D., Takayama, K., Urano, T., Murata, T., Kumagai, J., Fujimura, T., Ikeda, K., Horie-Inoue, K., Homma, Y., Ouchi, Y., Takahashi, S., Inoue, S.: Oct1 regulates cell growth of LNCaP cells and is a prognostic factor for prostate cancer. *Int J Cancer* (in press)
  45. Ikeda, K., Tsukui, T., Horie-Inoue, K., Inoue, S.: Conditional expression of constitutively active estrogen receptor  $\alpha$  in osteoblasts increases bone mineral density in mice. *FEBS Lett* (in press)
  46. Asagiri, M., Hirai, T., Kunigami, T., Kamano, S., Gober H.J., Okamoto, K., Nishikawa, K., Latz, E., Golenbock, D.T., Aoki, K., Ohya, K., Imai, Y., Morishita, Y., Miyazono, K., Kato, S., Saftig, P., Takayanagi, H.: Cathepsin K-dependent toll-like receptor 9 signaling revealed in experimental arthritis. *Science* 319, 624-627, 2008.
  47. Zhao, Y., Lang, G., Ito, S., Bonnet, J., Metzger, E., Sawatsubashi, S., Suzuki, E., Le Guezennec, X., Stunnenberg, H.G., Krasnov, A., Georgieva, S.G., Schüle, R., Takeyama, K., Kato, S., Tora, L.: A TFTC/STAGA module mediates histone H2A and H2B deubiquitination, coactivates nuclear receptors, and counteracts heterochromatin silencing. *Mol Cell* 29, 92-101, 2008.
  48. Matsumoto, T., Shiina, H., Kawano, H., Sato, T., Kato, S.: Androgen receptor functions in male and female physiology. *J Steroid Biochem Mol Biol* 109, 236-241, 2008.
  49. Okada, M., Takezawa, S., Mezaki, Y., Yamaoka, I., Takada, I., Kitagawa, H. Kato, S.: Switching of chromatin-remodelling complexes for oestrogen receptor- $\alpha$ . *EMBO Rep* 9, 563-568,

- 2008.
50. Yokoyama, A., Takezawa, S., Schüle, R., Kitagawa, H., Kato, S.: Transrepressive function of TLX requires the histone demethylase LSD1. *Mol Cell Biol* 28, 3995-4003, 2008.
  51. Honzawa, S., Yamamoto, Y., Yamashita, A., Sugiura, T., Kurihara, M., Arai, M.A., Kato, S., Kittaka, A.: The 2 $\alpha$ -(3-hydroxypropyl) group as an active motif in vitamin D<sub>3</sub> analogues as agonists of the mutant vitamin D receptor (Arg274Leu). *Bioorg Med Chem* 16, 3002-3024, 2008.
  52. Yanase, T., Fan, W., Kyoya, K., Min, L., Takayanagi, R., Kato, S., Nawata, H.: Androgens and metabolic syndrome: Lessons from androgen receptor knock out (ARKO) mice. *J Steroid Biochem Mol Biol* 109, 254-257, 2008.
  53. Tanabe, M., Kouzmenko, A., Ito, S., Sawatsubashi, S., Suzuki, E., Fujiyama, S., Yamagata, K., Zhao, Y., Kimura, S., Ueda, T., Murata, T., Matsukawa, H., Takeyama, K., Kato, S.: Activation of facultatively silenced *Drosophila* loci associates with increased acetylation of histone H2AvD. *Genes Cells* 13, 1279-1288, 2008.
  54. Kimura, S., Sawatsubashi, S., Ito, S., Kouzmenko, A., Suzuki, E., Zhao, Y., Yamagata, K., Tanabe, M., Ueda, T., Fujiyama, S., Murata, T., Matsukawa, H., Takeyama, K., Yaegashi, N., Kato, S.: *Drosophila* arginine methyltransferase 1 (DART1) is an ecdysone receptor co-repressor. *Biochem Biophys Res Commun* 371, 889-893, 2008.
  55. Ohtake, F., Baba, A., Fujii-Kuriyama, Y., Kato, S.: Intrinsic AhR function underlies cross-talk of dioxins with sex hormone signalings. *Biochem Biophys Res Commun* 370, 541-546, 2008.
  56. Akimoto, C., Kitagawa, H., Matsumoto, T., Kato, S.: Spermatogenesis-specific association of SMCY and MSH5. *Genes Cells* 13, 623-633, 2008.
  57. Kouzmenko, A.P., Takeyama, K., Kawasaki, Y., Akiyama, T., Kato, S.: Ligand-dependent interaction between estrogen receptor  $\alpha$  and adenomatous polyposis coli. *Genes Cells* 13 723-730, 2008.
  58. Kouzmenko, A.P., Takeyama, K., Kawasaki, Y., Akiyama, T., Kato, S.: Truncation mutations abolish chromatin-associated activities of adenomatous polyposis coli. *Oncogene* 27, 4888-4899, 2008.
  59. Murata, T., Suzuki, E., Ito, S., Sawatsubashi, S., Zhao, Y., Yamagata, K., Tanabe, M., Fujiyama, S., Kimura, S., Ueda, T., Matsukawa, H., Kouzmenko, A.P., Furutani, T., Takeyama, K., Kato, S.: RNA-binding protein hoip accelerates polyQ-induced neurodegeneration in *Drosophila*. *Biosci Biotechnol Biochem* 72, 2255-2261, 2008.
  60. Sasagawa, S., Shimizu, Y., Kami, H., Takeuchi, T., Mita, S., Imada, K., Kato, S., Mizuguchi, K.: Dienogest is a selective progesterone receptor agonist in transactivation analysis with potent oral endometrial activity due to its efficient pharmacokinetic profile. *Steroids* 73, 222-231, 2008.
  61. Iriyama, A., Fujiki, R., Inoue, Y., Takahashi, H., Tamaki, Y., Takezawa, S., Takeyama, K., Jang, W.D., Kato, S., Yanagi, Y.: A2E, a pigment of the lipofuscin of retinal pigment epithelial cells, is an endogenous ligand for retinoic acid receptor. *J Biol Chem* 283, 11947-11953, 2008.
  62. Fujita, H., Sugimoto, K., Inatomi, S.,

- Maeda, T., Osanai, M., Uchiyama, Y., Yamamoto, Y., Wada, T., Kojima, T., Yokozaki, H., Yamashita, T., Kato, S., Sawada, N., Chiba, H.: Tight junction proteins claudin-2 and -12 are critical for vitamin D-dependent  $\text{Ca}^{2+}$  absorption between enterocytes. *Mol Biol Cell* 19, 1912-1921, 2008.
63. Takaki, H., Ichiyama, K., Koga, K., Chinen, T., Takaesu, G., Sugiyama, Y., Kato, S., Yoshimura, A., Kobayashi, T.: STAT6 Inhibits TGF- $\beta$ 1-mediated Foxp3 induction through direct binding to the Foxp3 promoter, which is reverted by retinoic acid receptor. *J Biol Chem* 283, 14955-14962, 2008.
64. Suzuki, E., Zhao, Y., Ito, S., Sawatsubashi, S., Murata, T., Furutani, T., Shirode, Y., Yamagata, K., Tanabe, M., Kimura, S., Ueda, T., Fujiyama, S., Lim, J., Matsukawa, H., Kouzmenko, A.P., Aigaki, T., Tabata, T., Takeyama, K., Kato, S.: Aberrant E2F activation by polyglutamine expansion of androgen receptor in SBMA neurotoxicity. *Proc Natl Acad Sci USA* 106, 3818-3822, 2009.
65. Fujiki, R., Chikanishi, T., Hashiba, W., Ito, H., Takada, I., Roeder, R.G., Kitagawa, H., Kato, S.: GlcNAcylation of a histone methyltransferase in retinoic-acid-induced granulopoiesis. *Nature* 459, 455-459, 2009.
66. Kouzu-Fujita, M., Mezaki, Y., Mtsumoto, T., Yamaoka, I., Sawatsubashi, S., Yano, T., Taketani, Y., Kitagawa, H., Kato, S.: Co-activation of ER $\beta$  by a gonadotropin-induced cofactor. *Mol Cell Biol* 29, 83-92, 2009.
67. Imai, Y., Nakamura, T., Matsumoto, T., Takaoka, K., Kato, S.: Molecular mechanisms underlying the effects of sex steroids on bone and mineral metabolism. *J Bone Miner Metab* 27, 127-130, 2009.
68. Oya, H., Yokoyama, A., Yamaoka, I., Fujiki, R., Yonezawa, M., Youn, M.-Y., Takada, I., Kato, S., Kitagawa, H.: Phosphorylation of WSTF by MAPK induces a switching between two distinct chromatin remodeling complexes. *J Biol Chem* 284, 32472-32482, 2009.
69. Zhao, Y., Takeyama, K., Sawatsubashi, S., Ito, S., Suzuki, E., Yamagata, K., Tanabe, M., Kimura, S., Fujiyama, S., Ueda, T., Murata, T., Matsukawa, H., Shirode, Y., Kouzmenko, A.P., Li, F., Tabata, T., Kato, S.: Corepressive action of CBP on androgen receptor transactivation in pericentric heterochromatin in a Drosophila experimental model system. *Mol Cell Biol* 29, 1017-1034, 2009.
70. Takada, I., Kouzmenko, A.P., Kato, S.: Molecular switching of osteoblastogenesis versus adipogenesis: implications for targeted therapies. *Expert Opin Ther Targets* 13, 593-603, 2009.
71. Imai, Y., Kondoh, S., Kouzmenko, A., Kato, S.: Regulation of bone metabolism by nuclear receptors. *Mol Cell Endocrinol* 310, 3-10, 2009.
72. Kawajiri, K., Kobayashi, Y., Ohtake, F., Ikuta, T., Matsushima, Y., Mimura, J., Pettersson, S., Pollenz, R.S., Sakaki, T., Hirokawa, T., Akiyama, T., Kurosumi, M., Poellinger, L., Kato, S., Fujii-Kuriyama, Y.: Aryl hydrocarbon receptor suppresses intestinal carcinogenesis in ApcMin/+ mice with natural ligands. *Proc Natl Acad Sci USA* 106, 13481-13486, 2009.
73. Zhang, Z., Hener, P., Frossard, N., Kato, S., Metzger, D., Li, M., Chambon, P.: Thymic stromal lymphopoietin

- overproduced by keratinocytes in mouse skin aggravates experimental asthma. *Proc Natl Acad Sci USA* 106, 1536-1541, 2009.
74. Suzuki, H.I., Yamagata, K., Sugimoto, K., Iwamoto, T., Kato, S., Miyazono, K.: Modulation of microRNA processing by p53. *Nature* 460, 529-533, 2009.
  75. Kim, M., Kondo, T., Takada, I., Youn, M., Yamamoto, Y., Takahashi, S., Matsumoto, T., Fujiyama, S., Shirode, Y., Yamaoka, I., Kitagawa, H., Takeyama, K., Shibuya, H., Ohtake, F., Kato, S.: DNA demethylation in hormone-induced transcriptional derepression. *Nature* 461, 1007-1012, 2009.
  76. Yamagata, K., Fujiyama, S., Ito, S., Ueda, T., Murata, T., Naitou, M., Takeyama, K., Minami, Y., O'Malley, B.W., Kato, S.: Maturation of microRNA is hormonally regulated by a nuclear receptor. *Mol Cell* 36, 340-347, 2009.
  77. Yoshimura, K., Kitagawa, H., Fujiki, R., Tanabe, M., Takezawa, S., Takada, I., Yamaoka, I., Yonezawa, M., Kondo, T., Furutani, Y., Yagi, H., Yoshinaga, S., Masuda, T., Fukuda, T., Yamamoto, Y., Ebihara, K., Li, D.Y., Matsuoka, R., Takeuchi, J.K., Matsumoto, T., Kato, S.: Distinct function of 2 chromatin remodeling complexes that share a common subunit, Williams syndrome transcription factor (WSTF). *Proc Natl Acad Sci USA* 106, 9280-9285, 2009.
  78. Iwasawa, M., Miyazaki, T., Nagase, Y., Akiyama, T., Kadono, Y., Nakamura, M., Oshima, Y., Yasui, T., Matsumoto, T., Nakamura, T., Kato, S., Hennighausen, L., Nakamura, K., Tanaka, S.: The antiapoptotic protein Bcl-xL negatively regulates the bone-resorbing activity of osteoclasts in mice. *J Clin Invest* 19, 3149-3159, 2009.
  79. Takada, I., Kouzmenko, A.P., Kato, S.: Wnt and PPAR $\gamma$  signaling in osteoblastogenesis and adipogenesis. *Nat Rev Rheumatol* 5, 442-447, 2009.
  80. Fujiyama-Nakamura, S., Ito, S., Sawatsubashi, S., Yamauchi, Y., Suzuki, E., Tanabe, M., Kimura, S., Murata, T., Isobe, T., Takeyama, K., Kato, S.: BTB protein, dKLHL18/CG3571, serves as an adaptor subunit for a dCul3 ubiquitin ligase complex. *Genes Cells* 14, 965-973, 2009.
  81. Ohtake, F., Fujii-Kuriyama, Y., Kato, S.: AhR acts as an E3 ubiquitin ligase to modulate steroid receptor functions. *Biochem Pharmacol* 77, 474-484, 2009.
  82. Ishizawa, M., Iwasaki, K.I., Kato, S., Makishima, M.: Hypergravity modulates vitamin D receptor target gene mRNA expression in mice. *Am J Physiol Endocrinol Metab* 297, E728-734, 2009.
  83. Miyagawa, S., Satoh, Y., Haraguchi, R., Suzuki, K., Iguchi, T., Taketo, M.M., Nakagata, N., Matsumoto, T., Takeyama, K., Kato, S., Yamada, G.: Genetic interactions of the androgen and Wnt/ $\beta$ -catenin pathways for the masculinization of external genitalia. *Mol Endocrinol* 23, 871-880, 2009.
  84. Ikeda, Y., Aihara, K., Yoshida, S., Sato, T., Yagi, S., Iwase, T., Sumitomo, Y., Ise, T., Ishikawa, K., Azuma, H., Akaike, M., Kato, S., Matsumoto, T. Androgen-androgen receptor system protects against angiotensin II-induced vascular remodeling. *Endocrinology* 150, 2857-2864, 2009.
  85. Suzuki, K., Yamaguchi, Y., Villacorte, M., Mihara, K., Akiyama, M., Shimizu, H., Taketo, M.M., Nakagata, N., Tsukiyama, T., Yamaguchi, T.P., Birchmeier, W., Kato, S., Yamada, G.: Embryonic hair follicle fate change by

- augmented  $\beta$ -catenin through Shh and Bmp signaling. *Development* 136, 367-372, 2009.
86. Honzawa, S., Takahashi, N., Yamashita, A., Sugiura, T., Kurihara, M., Arai, M.A., Kato, S., Kittaka, A.: Synthesis of a  $1\alpha$ -C-methyl analogue of 25-hydroxyvitamin D<sub>3</sub>: interaction with a mutant vitamin D receptor Arg274Leu. *Tetrahedron* 65, 7135-7145, 2009.
  87. Tsuji, M., Yamamoto, H., Sato, T., Mizuha, Y., Kawai, Y., Taketani, Y., Kato, S., Terao, J., Inakuma, T., Takeda, E.: Dietary quercetin inhibits bone loss without effect on the uterus in ovariectomized mice. *J Bone Miner Metab* 27, 673-681, 2009.
  88. Shiizaki, K., Hatamura, I., Imazeki, I., Moriguchi, Y., Sakaguchi, T., Saji, F., Nakazawa, E., Kato, S., Akizawa, T., Kusano, E.: Improvement of impaired calcium and skeletal homeostasis in vitamin D receptor knockout mice by a high dose of calcitriol and maxacalcitol. *Bone* 45, 964-971, 2009.
  89. Matsuyama, R., Takada, I., Yokoyama, A., Fujiyama-Nakamura, S., Tsuji, N., Kitagawa, H., Fujiki, R., Kim, M., Kouzu-Fujita, M., Yano, T., Kato, S.: Double PHD fingers protein DPF2 recognizes acetylated histones and suppresses the function of estrogen-related receptor  $\alpha$  through histone deacetylase 1. *J Biol Chem* 285, 18166-18176, 2010.
  90. Imai, Y., Kondoh, S., Kouzmenko, A., Kato, S.: Minireview: osteoprotective action of estrogens is mediated by osteoclastic estrogen receptor- $\alpha$ . *Mol Endocrinol* 24, 877-885, 2010.
  91. Ochiai, E., Kitagawa, H., Takada, I., Fujiyama, S., Sawatsubashi, S., Kim, M.S., Mezaki, Y., Tsushima, Y., Takagi, K., Azuma, Y., Takeyama, K., Yamaoka, K., Kato, S., Kamimura, T.: CDP/cut is an osteoblastic coactivator of the vitamin D receptor (VDR). *J Bone Miner Res* 25, 1157-1166, 2010.
  92. Chambon, C., Duteil, D., Vignaud, A., Ferry, A., Messaddeq, N., Malivindi, R., Kato, S., Chambon, P., Metzger, D.: Myocytic androgen receptor controls the strength but not the mass of limb muscles. *Proc Natl Acad Sci USA* 107, 14327-14332, 2010.
  93. Akimoto, C., Ueda, T., Inoue, K., Yamaoka, I., Sakari, M., Obara, W., Fujioka, T., Nagahara, A., Nonomura, N., Tsutsumi, S., Aburatani, H., Miki, T., Matsumoto, T., Kitagawa, H., Kato, S.: Testis-specific protein on Y chromosome (TSPY) represses the activity of the androgen receptor in androgen-dependent testicular germ-cell tumors. *Proc Natl Acad Sci USA* 107, 19891-19896, 2010.
  94. Yokoyama, A., Okuno, Y., Chikanishi, T., Hashiba, W., Sekine, H., Fujiki, R., Kato, S.: KIAA1718 is a histone demethylase that erases repressive histone methyl marks. *Genes Cells* 15: 867-873, 2010.
  95. Youn, M.Y., Takada, I., Imai, Y., Yasuda, H., Kato, S.: Transcriptionally active nuclei are selective in mature multinucleated osteoclasts. *Genes Cells* 15, 1025-1035, 2010.
  96. Chikanishi, T., Fujiki, R., Hashiba, W., Sekine, H., Yokoyama, A., Kato, S.: Glucose-induced expression of MIP-1 genes requires O-GlcNAc transferase in monocytes. *Biochem Biophys Res Commun* 39, 865-870, 2010.
  97. Takada, I., Tsuji, N., Youn, M. Y., Fujiyama, S., Okada, M., Imai, Y., Kondo, S., Kitakawa, H., Yasuda, H.,

- Kato, S.: Purification and identification of estrogen receptor alpha co-regulators in osteoclasts. *Ann N Y Acad Sci* 1192, 201-207, 2010.
98. Takada, I., Kouzmenko, A.P., Kato, S.: PPAR- $\gamma$  signaling crosstalk in mesenchymal stem cells. *PPAR Research* 2010, Article 341671, 6 pages, 2010.
99. Youn, M.Y., Fujiyama-Nakamura, S., Takada, I., Imai, Y., Kato, S.: Identification of osteoclastic factors in the nuclear envelope of mature, multinucleated osteoclasts. *Biosci Biotechnol Biochem* 74, 1956-1959, 2010.
100. Sawatsubashi, S., Murata, T., Lim, J., Fujiki, R., Ito, S., Suzuki, E., Tanabe, M., Zhao, Y., Kimura, S., Fujiyama, S., Ueda, T., Umetsu, D., Ito, T., Takeyama, K., Kato, S.: A histone chaperone, DEK, transcriptionally coactivates a nuclear receptor. *Genes Dev* 24: 159-170, 2010.
101. Takahashi, S., Watanabe, T., Okada, M., Inoue, K., Ueda, T., Takada, I., Watabe, T., Yamamoto, Y., Fukuda, T., Nakamura, T., Akimoto, C., Fujimura, T., Hoshino, M., Imai, Y., Metzger, D., Miyazono, K., Minami, Y., Chambon, C., Kitamura, T., Matsumoto, T., Kato, S.: Noncanonical Wnt signaling mediates androgen-dependent tumor growth in a mouse model of prostate cancer. *Proc Natl Acad Sci USA* 108, 4938-4943, 2011.
102. Baba, A., Ohtake, F., Okuno, Y., Yokota, K., Okada, M., Imai, Y., Ni, M., Meyer, A.C., Igarashi, K., Kanno, J., Brown, M., Kato, S.: Signal-sensing activation of a histone lysine demethylase complex. *Nat Cell Biol* (in press).
103. Nakamoto, T., Seo, S., Sakai, R., Kato, T., Kutsuna, H., Kurokawa, M., Noda, M., Miyasaka, N., Kitagawa, S.: Expression and tyrosine phosphorylation of Crk-associated substrate lymphocyte type (Cas-L) protein in human neutrophils. *J Cell Biochem* 105, 121-128, 2008.
104. Uekita, T., Tanaka, M., Takigahira, M., Miyazawa, Y., Nakanishi, Y., Kanai, Y., Yanagihara, K., Sakai, R.: CUB-domain containing protein 1 regulates peritoneal dissemination of gastric scirrhous carcinoma. *Am J Pathol* 172, 1729-1739, 2008.
105. Jia, L., Uekita, T., Sakai, R.: Hyperphosphorylated cortactin in cancer cells plays an inhibitory role in cell motility by regulating tyrosine phosphorylation of p130Cas. *Mol Cancer Res* 6, 654-662, 2008.
106. Tanaka, M., Sasaki, K., Kamata, R., Hoshino, Y., Yanagihara, K., Sakai, R.: A novel RNA-binding protein, Ossa/C9orf10 regulates activity of Src kinases to protect cells from oxidative stress-induced apoptosis. *Mol Cell Biol* 29, 402-413, 2009.
107. Miyake, I., Ohira, M., Nakagawara, A., Sakai, R.: Distinct role of ShcC docking protein in the differentiation of neuroblastoma. *Oncogene* 28, 662-673, 2009.
108. Ikeda, J., Oda, T., Inoue, M., Uekita, T., Sakai, R., Okumura, M., Aozasa, K., Morii, E.: Expression of CUB domain containing protein (CDCP1) is correlated with prognosis and survival of patients with adenocarcinoma of lung. *Cancer Sci* 100, 429-433, 2009.
109. Futami, H., Sakai, R.: RET protein promotes non-adherent growth of NB-39-nu neuroblastoma cell line. *Cancer Sci* 100, 1034-1039, 2009.
110. Futami, H., Sakai, R.: All-trans retinoic

- acid downregulates ALK in neuroblastoma cell lines and induces apoptosis in neuroblastoma cell lines with activated ALK. *Cancer Lett* 297, 220-225, 2010.
111. Tazaki, T., Sasaki, T., Uto, K., Yamasaki, N., Tashiro, S., Sakai, R., Tanaka, M., Oda, H., Honda, Z., Honda, H.: p130Cas, Crk-associated substrate plays essential roles in liver development by regulating sinusoidal endothelial cell fenestration. *Hepatology* 52, 1089-1099, 2010.
112. Miyazawa, Y., Uekita, T., Hiraoka, N., Fujii, S., Kosuge, T., Kanai, Y., Nojima, Y., Sakai, R.: CUB domain-containing protein 1, a prognostic factor for human pancreatic cancers, promotes cell migration and extracellular matrix degradation. *Cancer Res* 70, 5136-5146, 2010.
113. Tanaka, M., Kamata, R., Yanagihara, K., Sakai, R.: Suppression of gastric cancer dissemination by ephrin-B1-derived peptide. *Cancer Sci* 101, 87-93, 2010.
114. Yamaguchi, H., Yoshida, S., Muroi E., Kawamura, M., Kouchi, Z., Nakamura, Y., Sakai, R., Fukami, K.: Phosphatidylinositol 4,5-bisphosphate and PIP5-kinase  $\alpha$  are required for invadopodia formation in human breast cancer cells. *Cancer Sci* 101, 1632-1638, 2010.
115. Yagi, R., Tanaka, M., Sasaki, K., Kamata, R., Nakanishi, Y., Kanai, Y., Sakai, R.: ARAP3 inhibits peritoneal dissemination of scirrhous gastric carcinoma cells by regulating cell adhesion and invasion. *Oncogene* 30, 1413-1421, 2011.
116. Sogabe, N., Oda, K., Nakamura, H., Orimo, H., Watanabe, H., Hosoi, T., Goseki-Sone, M.: Molecular effects of the tissue-nonspecific alkaline phosphatase gene polymorphism (787T > C) associated with bone mineral density. *Biomed Res* 29, 213-219, 2008.
117. Arai, T., Sawabe, M., Hosoi, T., Tanaka, N.: Role of DNA repair systems in malignant tumor development in the elderly. *Geriatr Gerontol Int* 8, 65-72, 2008.
118. Tokuda, H., Takai, S., Hanai, Y., Matsushima-Nishiwaki, R., Yamauchi, J., Harada, A., Hosoi, T., Ohta, T., Kozawa, O.: (-)-Epigallocatechin gallate inhibits basic fibroblast growth factor-stimulated interleukin-6 synthesis in osteoblasts. *Horm Metab Res* 40, 674-867, 2008.
119. Mori, S., Kou, I., Sato, H., Emi, M., Ito, H., Hosoi, T., Ikegawa, S.: Association of genetic variations of genes encoding thrombospondin, type 1, domain-containing 4 and 7A with low bone mineral density in Japanese women with osteoporosis. *J Hum Genet* 53, 694-697 2008.
120. Orimo, H., Goseki-Sone, M., Hosoi, T., Shimada, T.: Functional assay of the mutant tissue-nonspecific alkaline phosphatase gene using U2OS osteoblast-like cells. *Mol Genet Metab* 94, 375-381, 2008.
121. Fujiwara, S., Nakamura, T., Orimo, H., Hosoi, T., Gorai, I., Oden, A., Johansson, H., Kanis, J.A.: Development and application of a Japanese model of the WHO fracture risk assessment tool (FRAX). *Osteoporos Int* 19, 429-435, 2008.
122. Tokuda, H., Hosoi, T., Hayasaka, K., Okamura, K., Yoshimi, N., Kozawa, O.: Overexpression of protein kinase C- $\delta$  plays a crucial role in Interleukin-6-producing pheochromocytoma presenting with Acute Inflammatory Syndrome: A Case Report. *Horm Metab Re* 41, 333-338, 2009.



123. Orimo, H., Yaegashi, Y., Onoda, T., Fukushima, Y., Hosoi, T., Sakata, K.: Hip fracture incidence in Japan: estimates of new patients in 2007 and 20-year trends. *Arch Osteoporosis* 4, 71-77, 2009.
124. Liu, M., Kurosaki, T., Suzuki, M., Enomoto, Y., Nishimatsu, H., Arai, T., Sawabe, M., Hosoi, T., Homma, Y., Kitamura, T.: Significance of common variants on human chromosome 8q24 in relation to the risk of prostate cancer in native Japanese men. *BMC Genet* 10, 37-44, 2009.
125. Sawabe, M., Arai, T., Araki, A., Hosoi, T., Kuchiba, A., Tanaka, N., Naito, T., Oda, K., Ikeda, S., Muramatsu, M.: Smoking confers a MTHFR 677C>T genotype-dependent risk for systemic atherosclerosis: results from a large number of elderly autopsy cases that died in a community-based general geriatric hospital. *J Atheroscler Thromb* 16, 91-104, 2009.
126. Mori, S., Fuku, N., Chiba, Y., Tokimura, F., Hosoi, T., Kimbara, Y., Tamura, Y., Araki, A., Tanaka, M., Ito, H.: Cooperative effect of serum 25-hydroxyvitamin D concentration and a polymorphism of transforming growth factor- $\beta$ 1 gene on the prevalence of vertebral fractures in postmenopausal osteoporosis. *J Bone Miner Metab* 28, 446-450, 2010.
127. Shiraki, M., Yamazaki, Y., Shiraki, Y., Hosoi, T., Tsugawa, N., Okano, T.: High level of serum undercarboxylated osteocalcin in patients with incident fractures during bisphosphonate treatment. *J Bone Miner Metab* 28, 578-584, 2010.
128. Hosoi, T.: Genetic aspects of osteoporosis. *J Bone Miner Metab* 28, 601-607, 2010.
129. Tanaka, S., Yoshimura, N., Kuroda, T., Hosoi, T., Saito, M., Shiraki, M.: The Fracture and Immobilization Score (FRISC) for risk assessment of osteoporotic Fracture and immobilization in postmenopausal women-A joint analysis of the Nagano, Miyama, and Taiji Cohorts. *Bone* 47, 1064-1070, 2010.
130. Shiraki, M., Kuroda, T., Miyakawa, N., Fujinawa, N., Tanzawa, K., Ishizuka, A., Tanaka, S., Tanaka, Y., Hosoi, T., Itoi, E., Morimoto, S., Itabashi, A., Sugimoto, T., Yamashita, T., Gorai, I., Mori, S., Kishimoto, H., Mizunuma, H., Endo, N., Nishizawa, Y., Takaoka, K., Ohashi, Y., Ohta, H., Fukunaga, M., Nakamura, T., Orimo, H.: Design of a pragmatic approach to evaluate the effectiveness of concurrent treatment for the prevention of osteoporotic fractures: rationale, aims and organization of a Japanese Osteoporosis Intervention Trial (JOINT) initiated by the Research Group of Adequate Treatment of Osteoporosis (A-TOP). *J Bone Miner Metab* 29, 37-43, 2011.
131. Sogabe, N., Maruyama, R., Baba, O., Hosoi, T., Goseki-Sone, M.: Effects of long-term vitamin K1 (phylloquinone) or vitamin K2 (menaquinone-4) supplementation on body composition and serum parameters in rats. *Bone* 48, 1036-1042, 2011.

## 2. 学会発表

### 【国際学会】

1. Azuma, K., Urano, T., Ouchi, Y., Inoue, S.: Comprehensive and functional analyses of glucocorticoid responsive genes in osteoblastic cells. (2008.5.

- 16-17) Annual Meeting of Korean Endocrine Society 2008, Seoul, South Korea.
2. Inoue, S.: Target gene networks in hormone dependent tumor growth. (2008.6.24-27) The 21<sup>st</sup> Naito Conference on Nuclear Dynamics and RNA [1], Yamanashi, Japan.
  3. Ijichi, N., Ikeda, K., Horie-Inoue, K., Inoue, S.: Gene expression profiles of nuclear hormone receptors regulated by estrogen in human breast cancer MCF-7 cells. (2008.9.22-24) The 26<sup>th</sup> Congress of the International Association for Breast Cancer Research, Kurashiki, Okayama, Japan.
  4. Inoue, S.: [Invited Talk] New Target Genes for Steroid Hormones (2008.10.22-24) CBI Annual Meeting 2008 International Symposium, Tokyo, Japan.
  5. Horie-Inoue, K., Takayama, K., Ikeda, K., Inoue, S.: Systemic identification of common and unique response genes for various steroid hormones in the human ENCODE genomic regions (2008.10.22-24) CBI Annual Meeting 2008 International Symposium, Tokyo, Japan.
  6. Ikeda, K., Ijichi, N., Kubo, M., Horie-Inoue, K., Inoue, S.: Estrogen-related receptors in fats and adipogenesis (2008.10.22-24) CBI Annual Meeting 2008 International Symposium, Tokyo, Japan.
  7. Inoue, S.: [Symposium, Invited Talk] New estrogen target genes. (2008.11.8-12) 13<sup>th</sup> International Congress of Endocrinology, Rio de Janeiro, Brazil.
  8. Azuma, K., Urano, T., Watabe, T., Ouchi, Y., Inoue, S.: PROX1 associates with Steroid and Xenobiotic Receptor and negatively regulates its transcription activity (2009.6.10-13) The Endocrine Society's 99<sup>th</sup> annual meeting, Washington, DC, USA.
  9. Ikeda, K., Ijichi, N., Horie-Inoue, K., Inoue, S.: Altered expression profiles of nuclear receptors and FOX transcription factors in tamoxifen-resistant breast cancer cells. (2009.6.21-26) Keystone Symposia, Killarney, Ireland.
  10. Horie-Inoue, K., Inoue, S.: Identification of androgen receptor binding sites and histone acetylation sites in human prostate cancer cells through chromatin immunoprecipitation microarray analysis, (2009.8.9-14) FASEB Summer Research Conferences, Lucca, Italy.
  11. Urano, T., Narusawa, K., Shiraki, M., Hosoi, T., Ouchi, Y., Nakamura, T., Inoue, S.: A single nucleotide polymorphism in the hyaluronan and proteoglycan link protein gene (HAPLN1) is associated with spinal osteophyte formation and disc narrowing in postmenopausal Japanese women. (2009.9.11-15) American Society of Bone and Mineral Research 31<sup>st</sup> Annual Meeting, Denver, Colorado, USA.
  12. Ikeda, K., Ijichi, N., Horie-Inoue, K., Inoue, S.: Nuclear receptors, FOX transcription factors and short RNAs regulated by estrogen in human breast cancer MCF-7 cells and its tamoxifen-resistant clones. (2009.9.25-29) Nuclear Receptors: from molecular mechanisms to molecular medicine, EMBO, Dubrovnik, Croatia.
  13. Inoue, S.: [Symposium] Cytochrome c oxidase subunit 7-related protein (COX7RP) modulates mitochondrial respiratory function and energy production. (2009.11.4-6) CIB-KSBSB Joint Conference, Bioinfo 2009, The 10<sup>th</sup> International Conference, Busan, Korea.
  14. Shigekawa, T., Ijichi, N., Takayama, S., Tsuda, H., Ikeda, K., Horie, K., Osaki, A.,

- Saeki, T., Inoue, S.: FOXP1 as a potential ER coregulator in human breast cancer. (2009.12.9-13) San Antonio Breast Cancer Symposium, San Antonio, Texas, USA.
15. Obinata, D., Takayama, K., Urano, T., Horie-Inoue, K., Ikeda, K., Ouchi, Y., Takahashi, S., Inoue, S.: Oct1 positively regulates androgen receptor-mediated enhancer activity of ACSL3, A 5.' fusion partner of ETV1 in prostate cancer. (2010.1.9-10) The 21st Annual Meeting of Asia-Pacific Endocrine Conference, Taipei, Taiwan.
  16. Horie-Inoue, K., Ikeda, K., Inoue, S.: Altered androgen regulation of gene expression in antiandrogen-resistant and androgen-derived prostate cancer LNCaP cells. (2010.3.21-26) Keystone Symposia, Keystone, Colorado, USA.
  17. Inoue, S.: [Symposium] Novel Targets for Sex Steroid Hormones. (2010.3.26-30) 14<sup>th</sup> International Congress of Endocrinology, Kyoto, Japan.
  18. Takayama, K., Suzuki, T., Horie-Inoue, K., Ikeda, K., Urano, T., Ouchi, Y., Inoue, S.: A cell cycle regulator, transforming acidic coiled-coil protein 2 (TACC2), is an androgen-regulated gene that promotes prostate cancer progression. (2010.3.26-30) 14<sup>th</sup> International Congress of Endocrinology, Kyoto, Japan.
  19. Kubo, M., Ijichi, N., Ikeda, K., Horie-Inoue, K., Takeda, S., Inoue, S.: Estrogen-related receptor  $\gamma$  modulates adipogenesis-related gene expression during adipocytic differentiation. (2010. 3.26-30) 14<sup>th</sup> International Congress of Endocrinology, Kyoto, Japan.
  20. Ueyama, K., Ikeda, K., Satou, W., Horie-Inoue, K., Takeda, S., Inoue, S.: Estrogen-responsive finger protein (Efp) as a therapeutic target for breast cancer utilizing DNA-modified small interfering RNA. (2010.3.26-30) 14<sup>th</sup> International Congress of Endocrinology, Kyoto, Japan.
  21. Murata, T., Takayama, K., Urano, T., Fujimura, T., Kumagai, J., Horie-Inoue, K., Ikeda, K., Takahashi, S., Ouchi, Y., Homma, Y., Inoue, S.: 14-3-3 $\zeta$  is an androgen-regulated gene that activates the androgen receptor signaling and facilitates cell survival in prostate cancer. (2010.4.17-21) AACR 101<sup>st</sup> Annual Meeting 2010, Washington DC, USA.
  22. Azuma, K., Casey, S., Kirchner, S., Ito, M., Urano, T., Horie, K., Ouchi, Y., Blumberg, B., Inoue, S.: Pregnane X receptor knockout mice display osteopenia with reduced bone formation and enhanced bone absorption. (2010.5.5-8) IOF World Congress on Osteoporosis & 10th European Congress on Clinical and Economic Aspects of Osteoporosis and Osteoarthritis, Florence, Italy.
  23. Horie-Inoue, K., Ikeda, K., Inoue, S.: Altered hormonal regulation of gene expression in anti-hormone drug-resistant and hormone-deprived breast and prostate cancer cells. (2010.6.19-22) ENDO 2010: The 92<sup>nd</sup> Annual Meeting & Expo, San Diego, CA, USA.
  24. Ito, M., Hiroi, H., Urano, T., Momoeda, M., Hosokawa, Y., Tsutumi, R., Koizumi, M., Yano, T., Inoue, S., Taketani, Y.: A progesterone responsive gene, 14-3-3 $\tau$ , upregulates the transcriptional activity of progesterone receptor B (PR-B) in uterine endometrium. (2010.6.19-22) ENDO 2010: The 92<sup>nd</sup> Annual Meeting & Expo, San Diego, CA, USA.
  25. Inoue, S.: Anti-aging views from sex steroid responsive genes in breast and

- prostate cancers (2010.8.22-24) Asian Aging Core for Longevity 2010, Jeju, Korea.
27. Horie-Inoue, K., Ikeda, K., Inoue, S.: Effects of long-term bicalutamide treatment on androgen-dependent gene regulation in prostate cancer cells. (2010.9.12-16) The 6th International Symposium on Hormonal Oncogenesis in Japan, Chiba, Japan.
  28. Urano, T., Shiraki, M., Yagi, H., Sato, M., Ouchi, Y., Inoue, S.: Large scale human SNP analysis revealed an association of GPR98 gene polymorphisms with bone mineral density in postmenopausal women and Gpr98 deficient mice display osteopenia (2010.10.11-15) American Society of Bone and Mineral Research 32<sup>nd</sup> Annual Meeting, Toronto, Ontario, Canada.
  29. Horie-Inoue, K., Ikeda, K., Inoue, S.: Identification of androgen-inducible novel microRNAs in prostate cancer cells by short RNA sequencing (2011. 2.11-16) MicroRNAs and Non-Coding RNAs and Cancer (J5), Keystone Symposia, Banff, Alberta, Canada.
  30. Inoue, K., Matsumoto, T., Yamagata, K., Akimoto, C., Yonezawa, M., Kato, S.: DEAD-box RNA helicase is required for Drosha-mediated processing of a subset of microRNAs. (2008.3.25-4.1) 2008 Keystone Symposia Conference (RNAi, MicroRNA, and Non-Coding RNA), Whistler, Canada.
  31. Suzuki, E., Sawatsubashi, S., Ito, S., Zyao, Y., Yamagata, K., Tanabe, M., Kimura, S., Ueda, T., Murata, T., Fujiyama, S., Matsukawa, H., Kouzmenko, A., Takeyama, K., Tomari, Y., Siomi, H., Kato, S.: Identification of novel insulator function to regulate chromatin formation through Dcr-2/Ago2 pathway. (2008.3.25-4.1) 2008 Keystone Symposia Conference (RNAi, MicroRNA, and Non-Coding RNA), Whistler, Canada.
  32. Takada, I., Mihara, M., Suzawa, M., Kato, S.: A histone lysine methyltransferase activated by non-canonical Wnt signaling suppresses PPAR-gamma function. (2008.3.29-4.5) 2008 Keystone Symposia Conference (Nuclear Receptors: Orphan Brothers), Whistler, Canada.
  33. Takeyama, K., Ito, S., Sawatsubashi, S., Kouzmenko, A., Suzuki, E., Zhao, Y., Yamagata, K., Tanabe, M., Kimura, S., Ueda, T., Murata, T., Matsukawa, H., Fujiyama, S., Hirabayashi, Y., Gotoh, Y., Kato, S.: Novel corepressor, SNASH induces neurogenesis through the transcriptional repressing for notch signaling. (2008.3.29-4.5) 2008 Keystone Symposia Conference (Nuclear Receptors: Orphan Brothers), Whistler, Canada.
  34. Ueda, T., Ito, S., Sawatsubashi, S., Kouzmenko, A., Suzuki, E., Yamagata, K., Zhao, Y., Tanabe, M., Kimura, S., Murata, T., Matsukawa, H., Fujiyama, S., Miki, T., Takeyama, K., Kato, S.: Aberrant expression of a novel androgen corepressor in testicular tumors. (2008.3.29-4.5) 2008 Keystone Symposia Conference (Nuclear Receptors: Orphan Brothers), Whistler, Canada.
  35. Kato, S.: Nuclear O-glycosylation regulates histone methyltransferase activity of RAIGIN during retinoic acid-induced differentiation. (2008.4.6-10) International Workshop on Cell Regulations in Division and Arrest under Stress, Okinawa, Japan.
  36. Okada, M., Takezawa, S., Mezaki, Y.,

- Yamaoka, I., Takada, I., Kitagawa, H., Kato, S.: Switching of chromatin-remodeling complexes for estrogen receptor  $\alpha$ . (2008.4.7-13) 2008 Keystone Symposia Conference (Molecular Basis for Chromatin Modifications and Epigenetic Phenomena), Snowmass, USA.
37. Yokoyama, A., Takezawa, S., Schüle, R., Kitagawa, H., Kato, S.: Transrepressive function of TLX requires the histone demethylase, LSD1. (2008.4.7-13) 2008 Keystone Symposia Conference (Molecular Basis for Chromatin Modifications and Epigenetic Phenomena), Snowmass, USA.
38. Murata, T., Sawatsubashi, S., Ito, S., Zhao, Y., Yamagata, K., Suzuki, E., Tanabe, M., Fujiyama, S., Kimura, T., Ueda, H., Matsukawa, K., Takeyama, K., Kato, S.: Analysis of a novel co-repressor, Z4 with *Drosophila* molecular genetics and proteomics. (2008.4.7-13) 2008 Keystone Symposia Conference (Molecular Basis for Chromatin Modifications and Epigenetic Phenomena), Snowmass, USA.
39. Kimura, S., Ito, S., Sawatsubashi, S., Kouzmenko, A., Suzuki, E., Zhao, Y., Yamagata, K., Tanabe, M., Ueda, T., Fujiyama, S., Murata, T., Matsukawa, H., Takeyama, K., Kato, S.: *Drosophila* arginine methyltransferase 1 (DART1) modulates ecdysone receptor-mediated transcription in *Drosophila* metamorphosis. (2008.4.7-13) 2008 Keystone Symposia Conference (Molecular Basis for Chromatin Modifications and Epigenetic Phenomena), Snowmass, USA.
40. Kato, S.: Sex steroid hormones mediate osteoprotective effects by controlling osteoclast life cycle. (2008.4.10-12) 11<sup>th</sup> Frontiers in Nuclear Receptor Action Conference, Savannah, USA.
41. Kato, S.: Nuclear receptor function in skeletal tissues. (2008.5.14-16) NYAS on Integrative Physiology, New York, USA
42. Kato, S.: Control of gene expression by the VDR. (2008.6.15-18) The Endocrine Society's 90th Annual Meeting, San Francisco, USA.
43. Kato, S.: Function of nuclear sex hormone receptors in target tissues. (2008.8.25-28) Annual Scientific Meeting of Endocrine Society of Australia (ESA) & Society for Reproductive Biology (SRB), Melbourne, Australia.
44. Kato, S., Imai, Y., Nakamura, T.: Estrogen mediate osteoprotective effects by controlling osteoclast life cycle. (2008.8.28-30) Australian & New Zealand Bone & Mineral Society (ENZBMS), Melbourne, Australia.
45. Kato, S., Takada, I.: A non-canonical Wnt signal induces osteoblastogenesis through attenuatin PPAR $\gamma$ -mediated adipogenesis. (2008.8.28-30) Australian & New Zealand Bone & Mineral Society (ENZBMS), Melbourne, Australia.
46. Kato, S.: The molecular mechanism of osteo-protective actions of sex hormones. (2008.9.4) Erasmus MC Lectures on Endocrinology, Rotterdam, The Netherlands.
47. Takada, I., Young, M.-Y., Imai, Y., Kato, S.: Biochemical characterization of ER $\alpha$  co-regulators in multinucleated mature osteoclasts. (2008.9.12-16) American Society of Bone and Mineral Research 30<sup>th</sup> Annual Meeting, Montreal, Canada.
48. Young, M.-Y., Takada, I., Kondou, S., Imai, Y., Kato, S.: Multinuclear

- expression of ER $\alpha$  in mature osteoclasts. (2008.9.12-16) American Society of Bone and Mineral Research 30<sup>th</sup> Annual Meeting, Montreal, Canada.
49. Kato, S.: Coactivator mediation of MR AF-1. (2008.9.10-12) The Mineralcorticoid Receptor-update on Biology, Structure and Ligands, Berlin, Germany.
  50. Kato, S.: The mechanism of gene regulations by VDR. (2008.9.17) HSDM Grand Rounds Series at Harvard School of Dental Medicine, Boston, USA.
  51. Kato, S.: Dioxin receptor is a ligand-dependent E3 ubiquitin ligase. (2008.10.20-21) Dioxin Toxicity: Mechanisms, Models, & Potential Health Risks, East Lansing, USA.
  52. Kato, S.: Estrogen mediate osteoprotective by controlling osteoclast life cycle. (2008.11.22) The 20<sup>th</sup> Korean Society of Bone Metabolism Autumn Scientific Congress, Jeju-do, Korea.
  53. Kato, S.: Regulated histone methylase / demethylase complexes supporting nuclear receptors. (2009.4.9-10) International Joint Symposium on "Cell Fate Regulation Research: Molecular Basis and Therapeutic Potentials", Kumamoto, Japan.
  54. Kato, S.: Transcriptional regulation of steroid action. (2009.4.29-5.2) The New York Academy of Sciences (NYAS), 3<sup>rd</sup> Conference on Skeletal Biology and Medicine, New York, USA.
  55. Kato, S.: Nuclear O-glycosylation regulates histone methyltransferase activity of MLL5 during retinoic acid-induced differentiation. (2009.5.12-13) The 66<sup>th</sup> Korean Society for Biochemistry and Molecular Biology Annual Meeting, Seoul, Korea.
  56. Kato, S.: Non-canonical Wnt signaling and the osteoblast-adipocyte lineage decision. (2009.5.23-27) 36<sup>th</sup> European Symposium on Calcified Tissues, Vienna, Austria.
  57. Kato, S.: Nuclear vitamin D receptor-regulated expression of the human CYP27B1 gene mediated the DNA methylation / demethylation. (2009.6.21-25) 16th International Conference on Cytochrome P450, Okinawa, Japan.
  58. Kato, S.: The Role of histone modifying enzymes in gene regulation. (2009.6.23-26) The 24<sup>th</sup> Naito Conference "Nuclear Dynamics and RNA [II]", Sapporo, Japan.
  59. Kato, S.: Epigenetic regulators for nuclear receptors. (2009.8.2-7) 21<sup>st</sup> IUBMB and 12<sup>th</sup> FAOBMB International Congress of Biochemistry and Molecular Biology, Shanghai, China.
  60. Fujiki, R., Chikanishi, T., Hashiba, W., Ito, H., Takada, I., Roeder, G.R., Kitagawa, H., Kato, S.: GlcNAcylation of a histone methyltransferase in retinoic-acid-induced granulopoiesis. (2009.8.2-7) 21<sup>st</sup> IUBMB and 12<sup>th</sup> FAOBMB International Congress of Biochemistry and Molecular Biology, Shanghai, China.
  61. Kato, S.: Regulated histone methyltransferase / Demethyltransferase supporting nuclear receptor function. (2009.8.23-28) Spetses Summer school in Athens, Athens, Greece.
  62. Kato, S.: Regulated histone methyltransferases supporting nuclear. (2009.9.8) Dana-Farber Cancer Institute (Affiliated to Harvard Medical School) Seminar, Boston, USA.
  63. Kato, S.: Biology and physiology of steroid hormone receptor. (2009.9.9-11) Lawson Wilkins Pediatric Endocrine Society (LWPES) / European Society for

- Pediatric Endocrinology (ESPE) 8<sup>th</sup> Joint Meeting Global Care in Pediatric Endocrinology, New York, USA.
64. Youn, M.-Y., Takada, I., Imai, Y., Kato, S.: A histone demethylase, Jmjd5, is an osteoclastogenic regulator. (2009.9.11-15) American Society of Bone and Mineral Research, 31<sup>st</sup> Annual Meeting, Denver, USA.
  65. Kato, S.: Regulated histone methyltransferase / demethylase supporting nuclear receptor function. (2009.9.25-29) EMBO Conference, Nuclear Receptor: from molecular mechanisms to molecular medicine, Dubrovnik, Croatia.
  66. Kato, S.: Epigenetic modifications supporting VDRmediated gene regulations. (2009.10.4-8) 14<sup>th</sup> Workshop on Vitamin D, Brugge, Belgium.
  67. Oya, H., Takeyama, K., Yokoyama, A., Fujiki, R., Youn, M.-Y., Takada, I., Kato, S., Kitagawa, H.: Phosphorylation of WSTF by MAPK induces a switching between two distinct chromatin remodeling complexes. (2009.10.4-8) 14<sup>th</sup> Workshop on Vitamin D, Brugge, Belgium.
  68. Yamamoto, Y., Memezawa, A., Takagi, K., Ochiai, E., Shindo, M., Kato, S.: A tissue-specific function by unliganded VDR. (2009.10.4-8) 14<sup>th</sup> Workshop on Vitamin D, Brugge, Belgium.
  69. Kondo, T., Kim, M.-S., Matsumoto, T., Yamamoto, Y., Takeyama, K., Kato, S.: DNA Demethylation factor, MBD4 is a key molecule in the vitamin D metabolism. (2009.10.4-8) 14<sup>th</sup> Workshop on Vitamin D, Brugge, Belgium.
  70. Kato, S.: Transcriptional regulation of steroid action. (2010.1.15-17) 2<sup>nd</sup> World Conference, Hormonal and Genetic Basis of Sexual Differentiation Disorders and Hot Topics in Endocrinology, Miami, USA.
  71. Kato, S.: Epigenetic regulators supporting nuclear receptor function. (2010.1.21-22) Korea-Japan Chromatin & Epigenetics Joint Symposium 2010, Gangwon-do, Korea.
  72. Kato, S.: The role of co-regulators / co-regulator complexes in NR function. (2010.3.26-30) The 14<sup>th</sup> International Congress of Endocrinology (ICE2010), Kyoto, Japan.
  73. Yamamoto, Y., Memezawa, A., Takagi, K., Ochiai, E., Kato, S.: A Tissue-specific function by unliganded VDR. (2010.3.26-30) The 14<sup>th</sup> International Congress of Endocrinology (ICE2010), Kyoto, Japan.
  74. Matsumoto, T., Tsuji, N., Inoue, K., Kondo, S., Kondo, T., Yamamoto, Y., Okuno, Y., Sato, T., Kato, S.: Androgen and estrogen receptors triple knockout mice to evaluate biological impact on sex steroids hormones actions. (2010.3.26-30) The 14<sup>th</sup> International Congress of Endocrinology (ICE2010), Kyoto, Japan.
  75. Ohtake, F., Fujii-Kuriyama, Y., Kato, S.: Ah receptor acts as a ligand-dependent ubiquitin ligase. (2010.3.26-30) The 14<sup>th</sup> International Congress of Endocrinology (ICE2010), Kyoto, Japan.
  76. Fujiyama-Nakamura, S., Ito, S., Sawatsubashi, S., Suzuki, E., Tanabe, M., Kimura, S., Ueda, T., Murata, T., Takeyama, K., Kato, S.: Identification and characterization of a D12 mega size complex. (2010.3.26-30) The 14<sup>th</sup> International Congress of Endocrinology (ICE2010), Kyoto, Japan.
  77. Fujiki, R., Chikanishi, T., Hashiba, W., Roeder, R.C., Kitagawa, H., Kato, S.:

- Nuclear O-glycosylation of a histone methyltransferase facilitates RA-induced transcription and differentiation. (2010.3.26-30) The 14<sup>th</sup> International Congress of Endocrinology (ICE2010), Kyoto, Japan.
78. Kato, S.: Physiological function VDR in gene regulation. (2010.5.14) School of Medicine, Kyungpook National University Seminar, Daegu, Korea.
  79. Kato, S.: DNA Demethylation in hormonal-induced transcriptional depression. (2010.5.14-15) 22<sup>nd</sup> Annual Conference of the Korean Society of Bone Metabolism, Daegu, Korea.
  80. Kato, S.: Hormonal gene regulation through DNA methylation/demethylation. (2010.6.6-11) Federation of American Societies for Experimental Biology (FASEB), Summer Research Conferences, "Biological Methylation: from DNA to Histones", Carefree, USA.
  81. Kato, S.: The role of co-regulators/co-regulator complexes in NR function. (2010.6.17-23) 16th World Congress of Basic and Clinical Pharmacology, Copenhagen, Denmark.
  82. Kato, S.: Epigenetic regulators supporting nuclear receptor function. (2010.9.7-10) Signaling to Chromatin 2010, Cambridge, UK.
  83. Kato, S.: Epigenetic regulators supporting nuclear receptor function. (2010.10.1) First International Symposium for the "Advances in Animal Models for Human diseases and Drug Discovery", Daegu, Korea.
  84. Imai, Y., Kondoh, S., Matsumoto, T., Wakitani, S., Takaoka, K., Brown, M., Kato, S.: Physiological Impact of Osteoblastic Androgen Receptor in Androgen Anabolic Action. (2010.10.11-15) American Society of Bone and Mineral Research 32<sup>nd</sup> Annual Meeting, Toronto, Ontario, Canada.
  85. Youn, M.Y., Minehata, K., Takada, I., Imai, Y., Nakamura, T., Suzuki, T., Kato, S.: Jmjd5, JmjdC-domain-containing protein, is an osteoclastogenic repressor. (2010.10.11-15) American Society of Bone and Mineral Research 32<sup>nd</sup> Annual Meeting, Toronto, Ontario, Canada.
  86. Kato, S.: Molecular Basis of epigenetic regulation. (2010.11.8-10) The Inaugural Lyon-Tokyo, Encounters in Biosciences (BMIC Joint session: Plenary meeting of the Doctoral School), Lyon, France.
  87. Kato, S.: Transcriptional co-regulators for nuclear receptor. (2010.11.8-10) The Inaugural Lyon-Tokyo, Encounters in Biosciences (ENS de Lyon-Todai Workshop "Control of gene expression in normal and pathologic cells"), Lyon, France.
  88. Kato, S.: The role of sex steroid hormone receptors in bone. (2010.11.8-10) The Inaugural Lyon-Tokyo, Encounters in Biosciences (RETIM Joint session: <Mineralised Tissues>), Lyon, France.
  89. Inoue, K., Matsumoto, T., Imai, Y., Kato, S.: The biological function of Uty in sex differences of skeletal growth. (2011.1.10-15) Keystone Symposia, Histone Code: Fact or Fiction?, Utah, USA.
  90. Youn, M.-Y., Minehata, K., Takada, I., Imai, Y., Nakamura, T., Suzuki, T., Kato, S.: Jmjd5 is a novel osteoclastogenic repressor. (2011.1.10-15) Keystone Symposia, Histone Code: Fact or Fiction?, Utah, USA.
  91. Kato, H., Yokoyama, A., Fukuda, Y., Ito, S., Suzuki, E., Tanabe, M., Fujiyama, S., Kimura, S., Ueda, T., Murata, T., Lim, J., Shiozaki, Y., Takeyama, K., Kato, S.: Identification and characterization of a



- novel co-repressor of LXR $\beta$ . (2011.1.10-15) Keystone Symposia, Histone Code: Fact or Fiction?, Utah, USA.
92. Hashiba, W., Hiroki Sekine, H., Yokoyama, A., Chikanishi, T., Fujiki, R., Kato, S.: Proteomic analysis for Histone H2B interacting factors. (2011.1.10-15) Keystone Symposia, Histone Code: Fact or Fiction?, Utah, USA.
93. Fujiki, R., Chikanishi, T., Hashiba, W., Roeder, W.G., Kato, S.: GlcNAcylation of a histone methyltransferase in retinoic acid-induced granulopoiesis. (2011.1.10-15) Keystone Symposia, Histone Code: Fact or Fiction?, Utah, USA.
94. Kimura, S., Tanabe, M., Ueda, T., Murata, T., Ito, I., Suzuki, E., Lim, J., Fujiyama, S., Kato, H., Shiozaki, Y., Takeyama, K., Kato, S.: A bromodomain containing protein, *sperkin*, is a novel histone kinase in spermatogenesis. (2011.1.10-15) Keystone Symposia, Histone Code: Fact or Fiction?, Utah, USA.
95. Sakai, R., Ohira, M., Nakagawara, A., Miyake, I.: ShcC protein controls differentiation of neuroblastoma cells. (2008.5.21-24) Advances in Neuroblastoma Research 2008, Chiba, Japan.
96. Sakai, R.: Roles of phosphotyrosine-containing molecules in tumor progression. (2008.11.12) Kyoto Prize 2008 Memorial Workshop, Kyoto, Japan.
97. Sakai, R.: Regulation of invasion and metastasis by a Src substrate, CDCP1. (2009.7.7-9) 2<sup>nd</sup> DKFZ-NCC Workshop on Cancer Research, Tokyo, Japan.
98. Sakai, R.: Role of membrane protein, CDCP1 in tumor metastasis and invasion. (2009.9.16-19) Japanese-German Cancer Workshop, Hamburg, Germany.
99. Sakai, R., Tanaka, M.: A novel phosphoprotein, Ossa/C9orf10 protect cancer cells from oxidative stress-induced apoptosis. (2010.2.5-9) 8th Joint International Conference of AACR/JCA, Hawaii, USA.
100. Miyake, I., Kamata, R., Futami, H., Sakai, R.: Analysis of cellular mediators of oncogenic signaling originating from activated ALK in neuroblastoma cells. (2010.6.21-24) Advances in Neuroblastoma Research 2010, Stockholm, Sweden.
101. Miyake, I., Kamata, R., Futami, H., Sakai, R.: Analysis of oncogenic substrate proteins of activated ALK in neuroblastoma cells. (2010.8.18-22) 16th Protein Phosphorylation and Cell Signaling Meeting, La Jolla, USA.
102. Sogabe, N., Maruyama, R., Hosoi, T., Goseki-Sone, M.: Effects of vitamin K<sub>1</sub> (phylloquinone) or vitamin K<sub>2</sub> (menaquinone-4) on bone metabolism in growing female rats. (2009.9.11-15) American Society of Bone and Mineral Research 31<sup>st</sup> Annual Meeting, Denver, Colorado, USA.

#### 【国内学会】

1. 田北博保、森圭介、樺沢昌、土橋尊志、上山数弘、飯塚裕幸、栗田卓也、堀江公仁子、井上聡、米谷新：日本人加齢黄斑変性(AMD)とポリープ状脈絡膜血管症(PCV)の発生関連遺伝子と眼底病変の関連 (2008.4.17-20) 第112回日本眼科学会総会 (横浜)
2. 土橋尊志、森圭介、樺沢昌、田北博保、上山数弘、堀江公仁子、井上聡、飯塚裕幸、栗田卓也、米谷新：加齢黄斑変性に対する光線力学療法の治療効果に関連する遺伝因子 (2008.4.17-20) 第112回日本眼科学会総会 (横浜)
3. 東浩太郎、堀江公仁子、大内尉義、林慎一、堺隆一、井上聡：乳癌における細胞膜局在エストロゲン受容体の新

- 規格外作用の解析 (2008.5.10) 第4回 SERM 学術研究会学術集会 (品川)
4. 井上聡: [シンポジウム] アンチエイジングとサクセスフルエイジングの望ましい関係ー健康な老年期を送るための更年期医学 (Pre-Geriatric Medicine) を考える: サクセスフルエイジング達成を目標に (2008.6.6-7) 第8回日本抗加齢医学会総会 (東京)
  5. 浦野友彦、成澤研一郎、白木正孝、白井貴彦、大内尉義、中村利孝、井上聡: [最優秀奨励賞] 加齢に伴う脊椎変形を規定する遺伝子多型群の探索と同定 (2008.6.6-7) 第8回日本抗加齢医学会総会 (東京)
  6. 浦野友彦、藤村哲也、高橋悟、大内尉義、井上聡: 前立腺癌における Efp の発現とその役割に関する検討 (2008.6.19-21) 第50回日本老年医学会総会 (千葉)
  7. 東浩太郎、浦野友彦、大内尉義、井上聡: 骨芽細胞のグルココルチコイド刺激による TRIM63 の誘導 (2008.6.19-21) 第50回日本老年医学会総会 (千葉)
  8. 浦野友彦、白井貴彦、大内尉義、井上聡: 骨粗鬆症発症に関与する遺伝子多型群の探索 (2008.7.12) 第8回東京骨関節フォーラム (東京)
  9. 伊地知暢広、窪麻由美、池田和博、堀江公仁子、井上聡: エストロゲン関連受容体ファミリーの脂肪細胞分化における役割 (2008.8.22) 第13回アディポサイエンス研究会シンポジウム (大阪)
  10. 井上聡: [特別講演] 女性ホルモンの作用機構とホルモン補充療法 (2008.8.30-31) 第26回日本美容皮膚科学会総会 (大阪)
  11. 窪麻由美、伊地知暢広、池田和博、堀江公仁子、竹田省、井上聡: 脂肪細胞分化モデルとマウス高脂肪食モデルを用いたエストロゲン関連受容体 ERR $\gamma$  の機能解析 (2008.10.17-18) 第29回日本肥満学会 (大分)
  12. Urano, T., Murata, T., Fujimura, T., Suzuki, T., Takayama, K., Kumagai, J., Sasano, H., Takahashi, S., Kitamura, T., Homma, Y., Ouchi, Y., Inoue, S.: [Workshop] Estrogen-responsive finger protein is a tumor-promoting factor and a new potential biomarker for prostate cancer. (2008.10.28-30) 第67回日本癌学会学術総会 (名古屋)
  13. Azuma, K., Urano, T., Hayashi, S., Sakai, R., Ouchi, Y., Inoue, S.: [Workshop] Association of Estrogen Receptor  $\alpha$  and HDAC6 causes novel nongenomic action in breast cancer cells. (2008.10.28-30) 第67回日本癌学会学術総会 (名古屋)
  14. Takayama, K., Horie-Inoue, K., Ikeda, K., Urano, T., Ouchi, Y., Inoue, S.: [Workshop] Negative feedback loop of androgen receptor signal by a novel androgen regulated gene FOXP1 in prostate cancer. (2008.10.28-30) 第67回日本癌学会学術総会 (名古屋)
  15. 東浩太郎、Stephanie Casey、浦野友彦、堀江公仁子、大内尉義、Bruce Blumberg、井上聡: 核内受容体 PXR ノックアウトマウスは海綿骨および皮質骨の骨量減少を呈する (2008.10.29-31) 第26回日本骨代謝学会 (大阪)
  16. 古谷武文、小竹茂、八子徹、南谷由紀、浦野友彦、井上聡、鎌谷直之: 関節リウマチにおける骨折リスクの検討: 大規模前向き観察コホート (IORRA) から分かったこと (2008.10.29-31) 第26回日本骨代謝学会 (大阪)
  17. 浦野友彦、白井貴彦、白木正孝、大内尉義、井上聡: TGF $\beta$  シグナル伝達関連遺伝子における遺伝子多型と骨量との相関解析 (2008.10.31-11.2) 第10回日本骨粗鬆症学会 (大阪)
  18. 高山賢一、堀江公仁子、浦野友彦、鈴木貴、藤村哲也、高橋悟、堤修一、油

- 谷浩幸、大内尉義、井上聡：前立腺癌における新規アンドロゲン応答遺伝子 RUNX1 の転写調節および臨床的意義の解析 (2008.11.22) 第16回日本ステロイドホルモン学会 (福井)
19. 伊地知暢広、池田和博、堀江公仁子、井上聡：EPAS1/HIF2 $\alpha$ はグルココルチコイドにより発現が誘導され、骨芽細胞分化を抑制する (2008.11.22) 第16回日本ステロイドホルモン学会 (福井)
  20. 上山和也、池田和博、堀江公仁子、竹田省、井上聡：エストロゲン応答遺伝子 Efp を標的とする二本鎖核酸分子による乳癌・子宮癌細胞の増殖、腫瘍形成抑制効果 (2008.11.22) 第16回日本ステロイドホルモン学会 (福井)
  21. 井上聡：[シンポジウム] エストロゲンレセプターとエネルギー代謝 (2008.12.9-12) BMB2008 (第31回日本分子生物学会年会・第81回日本生化学会大会合同大会) (神戸)
  22. 浦野友彦、臼井貴彦、武田志津、池田和博、石田佳子、岩柳隆夫、大友純、大内尉義、井上聡：Terf (Testis RING finger protein; TRIM17)結合蛋白の探索 (2008.12.9-12) BMB2008 (第31回日本分子生物学会年会・第81回日本生化学会大会合同大会) (神戸)
  23. 池田和博、伊地知暢広、村上佳代子、堀江公仁子、河合純、林崎良英、井上聡：乳癌細胞 MCF7 における核内受容体およびフォークヘッド転写因子のエストロゲンによる発現調節と機能 (2008.12.9-12) BMB2008 (第31回日本分子生物学会年会・第81回日本生化学会大会合同大会) (神戸)
  24. 高山賢一、堀江公仁子、池田和博、浦野友彦、鈴木貴、藤村哲也、高橋悟、堤修一、油谷浩幸、大内尉義、井上聡：[YIA 受賞] ヒトゲノムにおけるアンドロゲン受容体結合部位ならびにヒストン蛋白修飾の包括的解析による新規前立腺癌診断・治療標的の同定 (2009.4.23-25) 第82回日本内分泌学会学術集会 (群馬)
  25. 東浩太郎、堀江公仁子、大内尉義、林慎一、堺隆一、井上聡：Tubulin 脱アセチル化を介するエストロゲンおよび SERM の新規核外作用 (2009.5.9) 第5回 SERM 研究会 (東京)
  26. 池田和博、井上聡：核内受容体および関連因子のタモキシフェン耐性乳がん細胞における発現制御とその役割 (2009.5.9) 第5回 SERM 研究会 (東京)
  27. 井上聡：[シンポジウム] 新しいミトコンドリア酸化的リン酸化制御因子の発見とそのがん代謝における役割 (2009.5.28-29) 第9回日本抗加齢医学会総会 (東京)
  28. 浦野友彦、大内尉義、井上聡：[シンポジウム] 骨・関節の老化におけるゲノムバイオマーカーの探索と同定 (2009.5.28-29) 第9回日本抗加齢医学会総会 (東京)
  29. 東浩太郎、大内尉義、井上聡：[シンポジウム] 運動器の加齢変化と加齢障害-骨関節のアンチエイジングとビタミンK (2009.5.28-29) 第9回日本抗加齢医学会総会 (東京)
  30. 小林聖未、浦野友彦、成澤研一郎、白木正孝、堀江公仁子、細井孝之、大内尉義、中村利孝、井上聡：加齢性黄斑変形症の発症に寄与する HTRA1 プロモーター遺伝子多型は加齢に伴う脊椎変形にも影響を及ぼす (2009.5.28-29) 第9回日本抗加齢医学会総会 (東京)
  31. 井上聡：核内受容体の相互作用による標的遺伝子発現ネットワークの調節とその病態における意義 (2009.6.14-16) 合同班会議 2009・文部科学省特定領域研究「遺伝情報発現における DECODE システムの解明」(富山)
  32. 池田和博、伊地知暢広、山賀亮之介、井上聡：核内受容体およびフォークヘ

- ッド転写因子の乳癌細胞における発現調節と細胞増殖に対する機能 (2009.6.14-16) 合同班会議 2009・文部科学省特定領域研究「遺伝情報発現における DECODE システムの解明」(富山)
33. 井上聡: [フォーラム] Aging Science Forum 2009、エイジングサイエンスのホットトピック、ホルモン補充療法のバイオロジー (2009.6.18-20) 第 51 回日本老年医学会学術集会 (横浜)
  34. 浦野友彦、白木正孝、細井孝之、中村利孝、大内尉義、井上聡: 脊椎変形に影響を及ぼす遺伝的素因の解析 (2009.6.18-20) 第 51 回日本老年医学会学術集会 (横浜)
  35. 東浩太郎、浦野友彦、伊地知暢広、池田和博、堀江公仁子、大内尉義、井上聡: 骨芽細胞におけるグルココルチコイド応答遺伝子 TRIM63、EPAS1 の機能解析 (2009.6.18-20) 第 51 回日本老年医学会学術集会 (横浜)
  36. 東浩太郎、浦野友彦、堀江公仁子、大内尉義、井上聡: 骨髄ストローマ細胞におけるエストロゲン作用 (2009.7.23-25) 第 27 回日本骨代謝学会学術集会 (大阪)
  37. 井上聡: [シンポジウム] 乳がんとうちがんにおけるエストロゲン応答遺伝子を標的とした臨床応用へのアプローチ—エストロゲン依存性がんのトランスレーショナルリサーチ— (2009.7.31-8.1) 第 10 回ホルモンと癌研究会 (仙台)
  38. Urano, T., Tsukui, T., Usui, T., Ikeda, K., Takayama, K., Azuma, K., Ouchi, Y., Inoue, S.: Estrogen-responsive finger protein as a tumor-promoting factor and a therapeutic target for breast cancer. (2009.10.1-3) 第 68 回日本癌学会学術総会 (横浜)
  39. Takayama, K., Tsutsumi, S., Horie-Inoue, K., Ikeda, K., Urano, T., Ouchi, Y., Aburatani, H., Inoue, S.: RUNX1 is a novel androgen-regulated gene that modulates AR transcriptional activity and prostate cancer cell proliferation. (2009.10.1-3) 第 68 回日本癌学会学術総会 (横浜)
  40. Shigekawa, T., Ijichi, N., Takayama, S., Tsuda, H., Ikeda, K., Horie, K., Osaki, A., Saeki, T., Inoue, S.: FOXP1 modulates estrogen signaling in breast cancer. (2009.10.1-3) 第 68 回日本癌学会学術総会 (横浜)
  41. 井上聡: [イブニング] ビタミン K 作用機序の新しい展開 (2009.10.14-16) 第 11 回日本骨粗鬆症学会 (名古屋)
  42. 浦野友彦、白木正孝、白井貴彦、大内尉義、井上聡: SNP アレイを用いた 5 万遺伝子多型からの骨量規定因子の探索 (2009.10.14-16) 第 11 回日本骨粗鬆症学会 (名古屋)
  43. 東浩太郎、浦野友彦、堀江公仁子、大内尉義、井上聡: 骨髄ストローマ細胞におけるグルココルチコイド作用 (2009.10.14-16) 第 11 回日本骨粗鬆症学会 (名古屋)
  44. 井上聡: 乳がん、子宮がん、前立腺がんの増殖と悪性化のシグナル経路 (2009.11.3) 第 7 回 RCGM フロンティアシンポジウム (埼玉)
  45. 井上聡: [シンポジウム] アンドロゲン・核内受容体と前立腺がん (2009.11.14) 第 17 回日本ステロイドホルモン学会学術集会 (福岡)
  46. 池田和博、井上聡: Grin2d、Enpp2、Igf2、Igf2bp2 遺伝子は脳におけるエストロゲン応答遺伝子である (2009.11.14) 第 17 回日本ステロイドホルモン学会学術集会 (福岡)
  47. 大日方大亮、高山賢一、浦野友彦、堀江公仁子、池田和博、大内尉義、高橋悟、井上聡: 前立腺癌において ETS Family と癒合する遺伝子 ACSL3 のアンドロゲン応答に Oct-1 が重要である