

学会発表

- 1 伊東利津, 今中常雄, 白田信光, 伊藤正樹: 温度感受性 PEX5 変異株 SK32 の解析・第75回日本生化学会大会, 2002, 10, 14-17. 生化学 74(8): 787.
- 2 Ito M: Peroxisomal translocations and retarded processing events of 3-ketoacyl-CoA thiolase and Acyl-CoA oxidase in mammalian cells rapidly degrading Pex5p isoforms. 2002 Symposium on Peroxisome Biogenesis (San Francisco, CA) 2002, 12, 14. The Abstracts: 33.

生体構造機能学講座

解剖学

著 書

- 1 埴原恒彦: 日本列島の人類史. 赤坂憲雄, 中村生雄, 原田信男, 三浦佑之 編: いくつもの日本 I, 日本を問いなおす. 33-61. 岩波書店. 東京 2002.
- 2 Shinoda K: DNA analysis of the skeletal remains uncovered from the ruins of Palmyra, Syria -Speculation on the blood relationships relative to two tombs and a phylogenetic analysis of the Palmyrene group-Higuchi T and Saito K: Tomb F Southeast necropolis Palmyra, Syria. 1st ed. 182-189. Reserch Center for Silk Roadology. Nara Japan 2001.
(出版年は2001年になっていますが実際に発行されたのは2002年です)
- 3 Shinoda K: Ancient DNA analysis of the human skeletal remains excavated from Jiangnan, China. Nakahashi T and Li M: Ancient people in the Jiangnan region, China. 1st ed. 79-90. Kyushu University Press. Fukuoka Japan 2002.

学術論文

- 1 *Corruccini RS, Simada I and Shinoda K: Dental and mtDNA relatedness among thousand-year-old remains from Huaca Loro. Peru Dental Anthropology 16: 9-14, 2002.
- 2 °Higashimoto K, Soejima H, Yatsuki H, Joh K, Uchiyama M, Obata Y, Ono R, Wang Y, Xin Z, Zhu X, Masuko S, Ishino F, Hatada I, Jinno Y, Iwasaka T, Katsuki T and Mukai T: Characterization and imprinting status of OBPH/Obph1 gene: implications for an extended imprinting domain in human and mouse. Article 80(6): 575-584, 2002.
- 3 *石田 肇, 埴原恒彦, 近藤 修, 大島直行: 礼文島浜中 2 遺跡出土の人骨. 筑波大学先史学・考古学研究 13: 89-108, 2002.
- 4 *加藤克知, イルダ・ビタル, 篠田謙一, 真鍋義孝, 北川賀一, 小山田常一, 六反田篤: 頭蓋骨骨折をともなうペルー先住民の頭蓋穿孔(Trepanation)について. 長崎大学医学部保健学科紀要15(2): 13-17, 2002.

学会発表

- 1 *Higa T, Hanihara T, Sunakawa H and Ishida H: Dental variation of Ryukyu Islanders: A comparative study among Ryukyu, Ainu and other Asian populations. International Congress of Anthropology and Ethnology. 2002, 9, 23-27. Anthropol. Sci. 111: 110.
- 2 *Honda E, Ono K, Kawano H, Masuko S and Inenaga K: Muscarinic inputs to rat subfornical

- organ neurons. The 25th Annual Meeting of the Japan Neuroscience Society. 2002, 7, 7-9. Neurosci. Res. Suppl. 26 S42.
- 3 Kawano H and Masuko S: Synapses by Met-enkephalin-8 immunoreactive terminals onto nucleus tractus solitarius neurons projecting to the paraventricular hypothalamic nucleus. The 3rd Asian Pacific International Congress of Anatomists (APICA). 2002, 3, 29-31. Acta Anat. Nippon. 77: Suppl. 50.
 - 4 Kawano H and Masuko S: Caudal ventrolateral medullary neurons projecting to the nucleus preopticus medianus receive synapses by Met-enkephalin-8 immunoreactive terminals in the rat. The 25th Annual Meeting of the Japan Neuroscience Society. 2002, 7, 7-9. Neurosci. Res. Suppl. 26: S84.
 - 5 菊池泰弘：マカク属3種における橈骨遠位部断面形状の定量比較分析。第18回日本霊長類学会大会。2002, 7, 19-21. 霊長類研究18(3) : 366.
 - 6 Li M-Z and Masuko S: Difference in projection to the lumbar sympathetic and sacral parasympathetic preganglionic neurons. The 3rd Asian Pacific International Congress of Anatomists (APICA). 2002, 3, 29-31. Acta Anat. Nippon. 77: Suppl. 52.
 - 7 Li M-Z and Masuko S: Immunohistochemical localization of the vanilloid receptor 1 (VR1) in the pelvic visceral afferent relationship to the sacral parasympathetic and lumbar sympathetic preganglionic neurons. The 25th Annual Meeting of the Japan Neuroscience Society. 2002, 7, 7-9. Neurosci. Res. Suppl. 26: S123.
 - 8 °Matsumoto N, Kawasaki Y, Lao L-J, Yang K, Fujita T, Kumamoto E and Masuko S: Inhibition of glutamate release during ischemia in rat substantia gelatinosa-involvement of presynaptic GABA and adenosine receptors. The 32nd society for neuroscience annual meeting. 2002, 11, 3. Abstracts 202. 17 CD-ROM.
 - 9 Murata Y and Masuko S: Morphological analysis of substantia gelatinosa neurons characterized physiologically in the rat spinal cord. The 3rd Asian Pacific International Congress of Anatomists (APICA). 2002, 3, 29-31. Acta Anat. Nippon. 77: Suppl. 54.
 - 10 *Ono E, Honda E, Nakamura T, Kawano H, Masuko S and Inenaga K: Nicotinic inputs to rat subfornical organ neurons. The 25th Annual Meeting of the Japan Neuroscience Society. 2002, 7, 7-9. Neurosci. Res. Suppl. 26 S43.
 - 11 Shinoda K, Shimada I, Alva W and Uceda S: mtDNA analysis of the Moche and Sican populations. The 67th annual Meeting. 2002, 3, 21. Society for American Archaeology.
 - 12 Shinoda K., Shimada I, Alva W and Bourget S: Mochica and Sican populations of Pre-Hispanic Peru: mtDNA and archaeological perspectives. Biomolecular Archaeology: the 19th visiting scholar conference of the Center for Archaeological Investigations. 2002, 4, 19. Southern Illinois University (シンポジウム).
 - 13 Shinoda K and Shimada I: MtDNA Analysis of Moche and Sican Populations on the North Coast of Peru. Inter-Congress of IUAES. 2002, 9, 24. Anthropol. Sci. 111: 109 (シンポジウム).
 - 14 篠田謙一：縄文・弥生人と現代人の関係。第1回DNA考古学研究会。2002, 12, 6.

症例報告

- 1 篠田謙一：新延野田遺跡群より出土した人骨のDNA分析。[新延野田遺跡群]鞍手町教育委員会編 17-21, 2002.

研究助成等

職名	氏名	補助金(研究助成)等の名称	種目	研究課題等	交付金額(千円)
教授	埴原 恒彦	平成14年度文部科学省科学研究費補助金	基盤研究(C)	縄文人・アイヌ頭蓋の形態学的特異性とその由来—現生人類の変異・分化過程から探る	1,100
教授	埴原 恒彦	平成14年度文部科学省科学研究費補助金	基盤研究(B)	現生人類頭蓋形態に関する世界的データベース作成—現生人類の起源の解明に向けて	1,400
教授	増子 貞彦	平成14年度文部科学省科学研究費補助金	基盤研究(C)	仙髄副交感節前神経細胞を調節する神経回路とシナプス構築	600
助教授	河野 史	平成14年度文部科学省科学研究費補助金	基盤研究(C)	脳弓下器官へ入る神経の起始,神経化学物質と標的特異性に関する形態学的解析	2,200
助教授	篠田 謙一	平成14年度文部科学省科学研究費補助金	基盤研究(B)	海外学術調査,先インカ〜インカ帝国形成期におけるアンデス先住民の人類学的研究	1,800
助手	菊池 泰弘	平成14年度文部科学省科学研究費補助金	若手研究(B)	霊長類・前腕遠位部における骨断面形状と筋の関係についての機能形態学的定量分析	900

循環生理学

著書

- 1 額原嗣尚：心・血管系におけるクロールの役割。平成12年度助成研究報告集 II 医学・食品科学編。17-28。ソルトサイエンス研究財団。東京 2002.

学術論文

- 1 Ishihara K, Yan D-H, Yamamoto S and Ehara T.: Inward rectifier K⁺ current under physiological cytoplasmic conditions in guinea-pig cardiac ventricular cells. J. Physiol. 540: 831-841, 2002.
- 2 *Kaibara M*, Ishihara K*, Doi Y, Hayashi H, Ehara T and Taniyama K.: Identification of human Kir2.2 (KCNJ12) gene encoding functional inward rectifier potassium channel in both mammalian cells and *Xenopus* oocytes. FEBS Lett. 531: 250-254, 2002 (*These authors contributed equally to this work.)*
- 3 Matsuura H, Ehara T, Ding W-G, Omatsu-Kanbe M and Isono T.: Rapidly and slowly activating components of delayed rectifier K⁺ current in guinea-pig sino-atrial node pacemaker cells. J. Physiol. 540: 815-830, 2002.

- 4 *Hara T, Kodama H, Higashimoto Y, Yamaguchi H, Jelokhani-Niaraki M, Ehara T and Kondo M.: Side chain effect on ion channel characters of Aib rich peptides. J. Biochem. 130: 749-755, 2001.

学会発表

- 1 Ishihara K and Ehara T.: Reconstitution of the cardiac inward rectifier K⁺ current I_{K1} using the IRK1 channel heterologously expressed in 293T cells. 79th Annual Meeting of the Physiological Society of Japan 2002, 3, 28-30. Jpn. J. Physiol. 52(Suppl): S71.
- 2 Shioya T and Ehara T.: Inhibition of Na-Ca exchanger by KB-R7943 eliminates the action potential plateau in mouse heart cells. 79th Annual Meeting of the Physiological Society of Japan 2002, 3, 28-30. Jpn. J. Physiol. 52(Suppl): S49.
- 3 Yamamoto S, Shioya T and Ehara T.: Cell-volume regulation by chloride currents in single guinea-pig cardiac cells. 79th Annual Meeting of the Physiological Society of Japan 2002, 3, 28-30. Jpn. J. Physiol. 52(Suppl): S29.

研究助成等

職名	氏名	補助金(研究助成)等の名称	種目	研究課題等	交付金額(千円)
教授	顥原 嗣尚	平成14年度文部科学省科学研究費補助金	基盤研究(C)(2)	心筋クロライドチャンネルによる細胞容量及び細胞内浸透圧調節機構の解析	2,400
教授	顥原 嗣尚	ソルト・サイエンス研究財団平成14年度研究助成金	研究助成	プロジェクト研究: クロロイオンの生理的役割と調節機構 副題: 心・血管系におけるクロールの役割	1,500

学術(学会)賞

職名	氏名	学術(学会)賞名	受賞課題
助手 助手 教授	山本信太郎 塩谷 孝夫 顥原 嗣尚	2002年度入澤記念JJP優秀論文賞	Changes in cell volume induced by activation of the cyclic AMP-dependent chloride channel in guinea-pig cardiac myocytes.

神経生理学

学術論文

- 1 *Feng Y-P, Yang K and Li Y-Q: Norepinephrine depresses the capsaicin-evoked miniature excitatory postsynaptic currents in substantia gelatinosa of the rat spinal cord. Neurosci. Lett. 322: 99-102, 2002.
- 2 *Feng Y-P, Yang K and Li Y-Q: Activation of capsaicin receptors on the sciatic nerve induces Fos expression in the spinal dorsal horn of adult rats. Neurosignals 11: 151-157, 2002.
- 3 熊本栄一: 痛み情報伝達はシナプスで制御される. 生物物理 42(5): 218-223, 2002.
- 4 Lao L-J, Kumamoto E, Fujita T, Luo C, Furue H and Yoshimura M: Cellular mechanisms for the inhibition by adenosine of pain transmission in the spinal dorsal horn. Pain Res. 17(2): 63-68, 2002.

- 5 Luo C, Kumamoto E, Furue H, Chen J and Yoshimura M: Nociceptin inhibits excitatory but not inhibitory transmission to substantia gelatinosa neurones of adult rat spinal cord. *Neuroscience* 109(2): 349-358, 2002.
- 6 Luo C, Kumamoto E, Furue H, Chen J and Yoshimura M: Anandamide inhibits excitatory transmission to rat substantia gelatinosa neurones in a manner different from that of capsaicin. *Neurosci. Lett.* 321: 17-20, 2002.
- 7 Yang K, Ma W-L, Feng Y-P, Dong Y-X and Li Y-Q: Origins of GABA_B receptor-like immunoreactive terminals in the rat spinal dorsal horn. *Brain Res. Bull.* 58(5): 499-507, 2002.

学会発表

- 1 Kawasaki Y, Kumamoto E, Fujita T, Furue H and Yoshimura M: Noradrenaline presynaptically depresses primary-afferent evoked transmission to adult rat substantia gelatinosa neurons through the activation of α_2 adrenoceptors. *International Symposium on Plasticity of Pain System. 2002, 5, 9-10. International Symposium on Plasticity of Pain System (ISPPS) Program and Abstracts: 59.*
- 2 Kawasaki Y, Kumamoto E, Furue H and Yoshimura M: Pharmacological analysis of inhibition by noradrenaline of pain transmission to adult rat substantia gelatinosa neurons. *The 79th Annual Meeting of the Physiological Society of Japan. 2002, 3, 28-30. Jpn. J. Physiol. 52 (Suppl): S156.*
- 3 Kawasaki Y, Yang K, Fujita T and Kumamoto E: Action of anandamide on inhibitory transmission to substantia gelatinosa neurons in the rat spinal cord. *The 24th Annual Meeting of the Japanese Association for the Study of Pain. 2002, 12, 7-8. Pain Res. 17(3): 16.*
- 4 Kawasaki Y, Yang K, Lao L-J, Matsumoto N, Fujita T, Kumamoto E and Hasuo H: Action of anandamide on inhibitory transmission to substantia gelatinosa neurons in the rat spinal cord. *The 32nd Annual Meeting of the Society for Neuroscience. 2002, 11, 2-7. Program No. 453.4. 2002 Abstract Viewer and Itinerary Planner. Washington, DC: Society for Neuroscience, 2002. CD-ROM.*
- 5 Lao L-J, Kumamoto E, Luo C, Fujita T, Furue H and Yoshimura M: Inhibitory actions of adenosine on excitatory transmissions to substantia gelatinosa neurons in the adult rat spinal cord. *International Symposium on Plasticity of Pain System. 2002, 5, 9-10. International Symposium on Plasticity of Pain System (ISPPS) Program and Abstracts: 60.*
- 6 Lao L-J, Kumamoto E, Tomotoshi K, Luo C, Fujita T, Furue H and Yoshimura M: Role of adenosine in regulating pain transmission to substantia gelatinosa neurons in the adult rat spinal cord. *The 79th Annual Meeting of the Physiological Society of Japan. 2002, 3, 28-30. Jpn. J. Physiol. 52 (Suppl): S156.*
- 7 Lao L-J, Matsumoto N, Yang K, Kawasaki Y, Fujita T and Kumamoto E: Actions of adenosine on excitatory and inhibitory transmission in dorsal horn neurons. *The 25th Annual Meeting of the Japan Neuroscience Society. 2002, 7, 7-9. The 25th Annual Meeting of the Japan Neuroscience Society Program and Abstracts: 188.*
- 8 Lao L-J, Yang K, Fujita T and Kumamoto E: Actions of adenosine on dorsal root-evoked

- excitatory transmission to substantia gelatinosa neurons in adult rats. The 24th Annual Meeting of the Japanese Association for the Study of Pain. 2002, 12, 7-8. *Pain Res.* 17(3): 15.
- 9 Lao L-J, Yang K, Kawasaki Y, Matsumoto N, Fujita T and Kumamoto E: Actions of adenosine on monosynaptic A δ -fiber and C-fiber excitatory transmission in rat spinal dorsal horn neurons. The 32nd Annual Meeting of the Society for Neuroscience. 2002, 11, 2-7. Program No. 549.9. 2002 Abstract Viewer and Itinerary Planner. Washington, DC: Society for Neuroscience, 2002. CD-ROM.
 - 10 Luo C, Kumamoto E, Fujita T, Furue H and Yoshimura M: Nociceptin inhibits pain transmission to substantia gelatinosa neurons in the adult rat spinal cord through both of pre- and postsynaptic actions. International Symposium on Plasticity of Pain System. 2002, 5, 9-10. International Symposium on Plasticity of Pain System (ISPPS) Program and Abstracts: 58.
 - 11 Luo C, Kumamoto E, Lao L-J, Kawasaki Y, Fujita T, Yang K, Furue H and Yoshimura M: Role of anandamide in regulating pain transmission to substantia gelatinosa neurons in the adult rat spinal cord. The 79th Annual Meeting of the Physiological Society of Japan. 2002, 3, 28-30. *Jpn. J. Physiol.* 52 (Suppl): S155.
 - 12 Matsumoto N, Kawasaki Y, Lao L-J, Yang K, Fujita T and Kumamoto E: Mechanisms for inhibition of glutamate release during ischemia in rat dorsal horn neurons. The 25th Annual Meeting of the Japan Neuroscience Society. 2002, 7, 7-9. The 25th Annual Meeting of the Japan Neuroscience Society Program and Abstracts: 278.
 - 13 Matsumoto N, Kawasaki Y, Lao L-J, Yang K, Fujita T, Kumamoto E and Masuko S: Inhibition of glutamate release during ischemia in rat substantia gelatinosa neurons - involvement of presynaptic GABA and adenosine receptors. The 32nd Annual Meeting of the Society for Neuroscience. 2002, 11, 2-7. Program No. 202.17. 2002 Abstract Viewer and Itinerary Planner. Washington, DC: Society for Neuroscience, 2002. CD-ROM.
 - 14 Yang K: Distribution, terminal origins and depression of the GABA_B receptor in rat spinal dorsal horn. International Symposium on Plasticity of Pain System. 2002, 5, 9-10. International Symposium on Plasticity of Pain System (ISPPS) Program and Abstracts: 67.
 - 15 Yang K, Fujita T and Kumamoto E: Adenosine inhibits inhibitory transmission in adult rat substantia gelatinosa neurons. The 24th Annual Meeting of the Japanese Association for the Study of Pain. 2002, 12, 7-8. *Pain Res.* 17(3): 16.
 - 16 Yang K, Furue H, Nakatsuka T and Yoshimura M: Electrophysiological analysis of sensory inputs to substantia gelatinosa in adult rat spinal cord after neonatal capsaicin treatment. International Symposium on Plasticity of Pain System. 2002, 5, 9-10. International Symposium on Plasticity of Pain System (ISPPS) Program and Abstracts: 66.
 - 17 Yang K, Furue H and Yoshimura M: Distribution of the GABA_B receptor in ventrolateral periaqueductal gray of adult rat and the effects of its activation. International Symposium on Plasticity of Pain System. 2002, 5, 9-10. International Symposium on Plasticity of Pain System (ISPPS) Program and Abstracts: 65.

研究助成等

職名	氏名	補助金(研究助成)等の名称	種目	研究課題等	交付金額(千円)
教授	熊本 栄一	平成14年度文部科学省科学研究費補助金	基盤研究(C)(2)	カンナビノイドのラット脊髄後角における痛覚情報伝達制御の役割	1,900
助手	藤田 亜美	平成14年度文部科学省科学研究費補助金	若手研究(B)	ラット脊髄後角痛覚情報伝達に対するエンドモルフィン作用の解析	2,400

学術(学会)賞

職名	氏名	学術(学会)賞名	受賞課題
助手	芳 力軍	Selected Paper from the 23rd Annual Meeting of the Japanese Association for the Study of Pain	Cellular mechanisms for the inhibition by adenosine of pain transmission in the spinal dorsal horn.

病因病態科学講座

病態病理学

著書

- 1 佐藤慎太郎：第II章 救急患者の症候学と初期対応 6. めまい(耳鼻科的疾患について)。瀧 健治, 西村謙一, 十時忠秀 編：救急医学 救急患者の初期対応と以後の治療指針。70-71. 新興医学出版社。東京 2002.
- 2 佐藤慎太郎, 澤津橋基広, 宮崎純二, 溝上宏之, 高木誠治, 津田邦良：第III章 患者来院時の初期対応と以後の治療方針。13. 耳鼻・咽喉頭・頸部の急性疾患について。瀧 健治, 西村謙一, 十時忠秀 編：救急医学 救急患者の初期対応と以後の治療指針。174-179. 新興医学出版社。東京 2002.

学術論文

- 1 °Fujimoto K, Iwakiri R, Wu B, Fujise T, Tsunada S, Ootani A: Homeostasis in the small intestinal mucosa balanced between cell proliferation and apoptosis is regulated by the central nervous system. J. Gastroenterol. 37 (suppl 14): 139-144, 2002.
- 2 °Haraguchi S, Tomiyoshi Y, Aoki S, Sakemi T: Nephrotic syndrome due to immunologically mediated hypocomplementic glomerulonephritis in a patient of Waldenstrom's macroglobulinemia. Nephron 92: 452-455, 2002.
- 3 °Ishibashi S, Iwakiri R, Shimoda R, Ootani H, Kawasaki S, Tadano J, Kikkawa A, Ootani A, Oda K, Fujise T, Yoshida T, Tsunada S, Sakata H, Fujimoto K: Normalization of phospholipids concentration of the gastric mucosa was observed in patients with peptic ulcer after eradication of Helicobacter pylori. Helicobacter 7: 245-249, 2002.
- 4 Koike E, Yamashita H, Noguchi S, Ohshima A, Yamashita H, Watanabe S, Uchino S, Arita T, Kuroki S, Tanaka M: Endoscopic ultrasonography in patients with thyroid cancer: its