

CURRICULUM VITAE

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Date of birth November 20, 1958

Place of birth Sendai, Japan

Citizenship Japanese

Current Position Professor
Department of Urology
University of the Ryukyus, Graduate School of Medicine

Education

M. D 1983 Tohoku University School of Medicine

Ph. D 1990 Tohoku University

Dissertation: Changes in glycolipids in human renal-cell carcinoma and their clinical significance.

Thesis advisor: Dr. Seiichi Orikasa

License

1983 license to medical doctor in Japan

Professional Training and Employment

1983-1989 Resident in Department of Urology, Tohoku University Hospital and its related hospitals

1990-1991 Chief, Department of Urology, Ogachi-Chuo Hospital in Akita Prefecture

- 1991-1993 Research Fellow, The Biomembrane Institute, University of Washington
- 1993-2001 Assistant Professor, Department of Urology, Tohoku University Hospital
- 2002- Associate Professor, Department of Urology, Tohoku University,
Graduate School of Medicine
- 2008- Professor, Department of Urology, University of the Ryukyus,
Graduate School of Medicine

Awards

- 2005 14th Award of Research Grant from Japanese Urological Society
- 2006 & 2007 Award for Promotion of Clinical Application by Young Investigator
from Tohoku University Hospital
- 2007 Award from Suzuki Urological Research Foundation

Grant-in-Aid for Scientific Research (KAKENHI)

As a Delegate

- 1) Grant-in-Aid for Scientific Research (C), Grant No. 20591849, 3,860,000 yen
- 2) Grant-in-Aid for Exploratory Research, Grant No. 17659496, 3,300,000 yen
- 3) Grant-in-Aid for Scientific Research (B), Grant No. 15390483, 11,000,000 yen
- 4) Grant-in-Aid for Scientific Research on Priority Area, Grant No. 10178101,
6,100,000yen
- 5) Grant-in-Aid for Exploratory Research, Grant No. 10877246, 1,700,000 yen
- 6) Grant-in-Aid for Scientific Research (B), Grant No. 9470338, 13,200,000 yen
- 7) Grant-in-Aid for Scientific Research (C), Grant No. 8671790, 2,200,000 yen
- 8) Grant-in-Aid for Young Scientists (A), Grant No. 7771283, 1,100,000 yen
- 9) Grant-in-Aid for Young Scientists (A), Grant No. 6771250, 900,000 yen

As a Partaker

- 1) Grant-in-Aid for Scientific Research (C), Grant No. 23592341, 5,070,000 yen
- 2) Grant-in-Aid for Scientific Research (C), Grant No. 21592051, 4,420,000 yen
- 3) Grant-in-Aid for Scientific Research (C), Grant No. 17591676, 3,700,000 yen
- 4) Grant-in-Aid for Scientific Research (A), Grant No. 17206039, 25,470,000 yen
- 5) Grant-in-Aid for Scientific Research (B), Grant No. 14370501, 13,000,000 yen
- 6) Grant-in-Aid for Scientific Research (B), Grant No. 13555101, 13,400,000 yen

7) Grant-in-Aid for Scientific Research (B), Grant No. 10470329, 11,100,000 yen

Grants-in-Aid from Foundation

As a delegate

- 1) Award for Promotion of Clinical Application by Young Investigator from Tohoku University Hospital, 2007, 1,000,000 yen
- 2) Award from Suzuki Urological Research Foundation, 2007, 500,000 yen
- 3) Award for Promotion of Clinical Application by Young Investigator from Tohoku University Hospital, 2006, 2,000,000 yen
- 4) 14th Award of Research Grant from Japanese Urological Society, 2005, 1,000,000 yen
- 5) Grants-in-Aid from NOASTEC Foundation, 2005, 840,000 yen

As a partaker

- 1) Grants-in-Aid from Japan Science and Technology Agency, 2005-2007, 150,000,000 yen

Specialities and Research Area

Genitourinary cancer
Laparoscopic surgery
Radical prostatectomy
Glycobiology
Tumor marker

Editorial Board

International Journal of Urology
International Journal of Clinical Oncology
Acta Urologica Japonica
Japanese Journal of Urological Surgery

Membership in Professional Associations

Japanese Urological Association
American Urological Association

American Society of Clinical Oncology
Japanese Cancer Association
Japan Society of Clinical Oncology
Japanese Society of Endourology and ESWL

Journal Publications

Original article

- 1) Ohyama C, Fukushi Y, Satoh M, Saito S, Oriyasa S, Nudelman E, Straud M, and Hakomori S: Changes in glycolipid expression in human testicular tumor. Int J Cancer 45: 1040-1044, 1990.

- 2) Saito S, Oriyasa S, Ohyama C, Satoh M, and Fukushi Y: Changes in glycolipids in human renal-cell carcinoma and their clinical significance. Int J Cancer 49: 329-334, 1991.

- 3) Hoshi S, Oriyasa S, Kuwahara M, Suzuki K, Yoshikawa K, Saito S, Kawamura S, and Nose M: High energy shock wave treatment on implanted urinary bladder cancer in rabbits. J Urol 146: 439-443, 1991.

- 4) Ohyama C, Oriyasa S, Satoh M, Saito S, Ohtani H, and Fukushi, Y: Globotriaosyl ceramide glycolipid in seminoma: its clinicopathological importance in differentiation from testicular malignant lymphoma. J Urol 148: 72-75, 1992.

- 5) Satoh M, Fukushi Y, Kawamura S, Ohyama C, Saito S, Nudelman E, and Hakomori S: Glycolipid expression in prostatic tissues and analysis of the antigen recognized by anti-prostatic monoclonal antibody APG1. Urol Int 48: 20-24, 1992.

- 6) Saito S, Lavery SB, Salyan MEK, Goldberg RI, and Hakomori, S: Common tetrasaccharide epitope NeuAc α 2 \rightarrow 3Gal β 1 \rightarrow 3(NeuAc α 2 \rightarrow 6)GalNAc, presented by different carrier glycosylceramide or O-linked peptides, is recognized by different antibodies and ligands having distinct specificities. J Biol Chem 269: 5644-5652, 1994.

- 7) Ohyama C, Oriyasa S, Kawamura S, Satoh M, Saito S, Fukushi Y, Lavery SB, and Hakomori S: Galactosylgloboside expression in seminoma. Inverse correlation with metastatic potential.

Cancer 76: 1043-1050, 1995.

8) Ohyama C, Kawamura S, Suzuki K, Numahata K, Tokuyama S, Ito A, Satoh M, Saito S, Yoshikawa K, Hoshi S, and Orikasa S: GM3 inhibits murine MBT-2 tumor invasion and growth. *Int J Oncol* 8: 809-813, 1996.

9) Satoh M, Handa K, Saito S, Tokuyama S, Ito A, Miyao N, Orikasa S, and Hakomori S: Disialosyl galactosylgloboside as an adhesion molecule expressed on renal cell carcinoma and its relationship to metastatic potential. *Cancer Res* 56: 1932-1938, 1996.

10) Saito S, Orikasa S, Satoh M, Ohyama C, Ito A, and Takahashi T: Expression of globo-series gangliosides in human renal cell carcinoma. *Jpn J Cancer Res (Cancer Sci)* 88: 652-659, 1997.

11) Ohyama C, Kawamura S, Satoh M, Saito S, Yoshikawa K, Hoshi S, and Orikasa S: Endoscopic observation for detection and monitoring of N-butyl-N- (4-hydroxybutyl) nitrosamine-induced bladder tumor in rats. *Urol Res* 25: 183-186, 1997.

12) Satoh M, Numahata K, Kawamura S, Saito S, and Orikasa, S: Lack of selectin-dependent adhesion in prostate cancer cells expressing sialyl Le^x. *Int J Urol* 5: 86-91, 1998.

13) Hoshi S, Orikasa S, Yoshikawa K, Sato K, Toyota S, Saito S, Satoh M, Ohyama C, Namima T, Kawamura S, and Suzuki K: Neoadjuvant therapy and bladder substitute for invasive bladder cancer: 20 years experience at Tohoku University. *Int J Urol* 6: 68-74, 1999.

14) Suzuki K, Orikasa S, Hoshi S, Yoshikawa K, Saito S, Ohyama C, Satoh M, Kawamura S, Numahata K, Ito A, and Tokuyama S: The significance of resections for residual masses after chemotherapy in metastatic testicular tumors. *Int J Urol* 6: 305-313, 1999.

15) Satoh M, Moosavi Nejad F, Nakano O, Ito A, Kawamura S, Ohyama C, Saito S, and Orikasa S: Four new human renal cell carcinomas expressing globo-series gangliosides. *Tohoku J Exp Med* 189: 95-105, 1999.

16) Saito S, Nojiri H, Satoh M, Ito A, Ohyama C, and Orikasa S: Inverse relationship of

expression between GM3 and globo-series ganglioside in human renal cell carcinoma. *Tohoku J Exp Med* 190: 271-278, 2000.

17) Hoshi S, Suzuki K, Ishidoya S, Ohyama C, Satoh M, Namima T, Saito S, and Orikasa S: Significance of simultaneous determination of serum human chorionic gonadotropin (hCG) and hCG-b in testicular tumor patients. *Int J Urol* 7: 218-223, 2000.

18) Satoh M, Moosavi Nejad F, Ohtani H, Ito A, Ohyama C, Saito S, Orikasa S, and Hakomori H: Association of renal cell carcinoma antigen, disialosyl galactosyl globoside, with c-Src and Rho A in clustered domains at the surface structure. *Int J Oncol* 16: 529-536, 2000.

19) Satoh M, Ito A, Nojiri H, Handa K, Numahata K, Ohyama C, Saito S, Hoshi S, and Hakomori S: Enhanced GM3 expression, associated with decreased invasiveness, is induced by brefeldin A in bladder cancer cells. *Int J Oncol* 19: 723-731, 2001.

20) Ito A, Levery SB, Saito S, Satoh M, and Hakomori S: A novel ganglioside isolated from renal cell carcinoma. *J Biol Chem* 276: 16695-16703, 2001.

21) Kawamura S, Ohyama C, Watanabe R, Satoh M, Saito S, Hoshi S, Gasa S, and Orikasa S: Glycolipid composition in bladder tumor: A crucial role of GM3 ganglioside in tumor invasion. *Int J Cancer* 94: 343-347, 2001.

22) Ito A, Saito S, Masuko T, Oh-eda M, Matsuura T, Satoh M, Moosavi Nejad F, Enomoto T, Orikasa S, and Hakomori S: Monoclonal antibody (5F3) defining renal cell carcinoma-associated antigen disialosylglobopentaosylceramide ($V^3\text{NeuAcIV}^6\text{NeuAcGb5}$), and distribution pattern of the antigen in tumor and normal tissues. *Glycoconj J* 18: 475-485, 2001.

23) Saito S, Yamashita S, Endoh M, Yamato T, Hoshi S, Ohyama C, Watanabe R, Ito A, Satoh M, Wada T, Paulson JC, Arai Y, and Miyagi T: Clinical significance of ST3Gal IV expression in human renal cell carcinoma. *Oncol Rep* 9: 1251-1255, 2002.

24) Numahata K, Satoh M, Handa K, Saito S, Ohyama C, Ito A, Takahashi T, Hoshi S, Orikasa S, Hakomori S: Sialyl Le^x expression defines invasive and metastatic properties of bladder cancer.

Cancer 94: 673-685 2002.

25) Sawada M, Moriya S, Saito S, Shineha R, Satomi S, Yamori T, Tsuruo T, Kannagi R, and Miyagi T: Reduced sialidase expression in highly metastatic variants of mouse colon adenocarcinoma 26 and retardation of their metastatic ability by sialidase overexpression. Int J Cancer 97: 180-185, 2002.

26) Watanabe R, Ohyama C, Aoki H, Takahashi T, Satoh M, Saito S, Hoshi S, Ishii A, Saito M, and Arai Y: Ganglioside g(m3) overexpression induces apoptosis and reduces malignant potential in murine bladder cancer. Cancer Res 62: 3850-3854, 2002.

27) Hoshi S, Jokura H, Nakamura H, Shintaku I, Ohyama C, Satoh M, Saito S, Fukuzaki A, Orikasa S, and Yoshimoto T: Gamma-knife radiotherapy for brain metastasis of renal cell carcinoma: results of 42 patients. Int J Urol 9: 618-625, 2002.

28) Ohyama C, Kyan A, Satoh M, Saito S, Nishimura Y, Imai Y, Oikawa K, Yokoyama J, Suzuki K, Takeuchi M, Hoshi S, Orikasa S: Bilateral testicular tumors: a report of nine cases with long-term follow-up. Int J Urol 9: 173-177, 2002.

29) Ito A, Satoh M, Ohyama C, Saito S, Shintaku I, Nakano O, Aoki H, Hoshi S, and Orikasa S: Adrenal metastasis from renal cell carcinoma: significance of adrenalectomy. Int J Urol 9: 125-128, 2002.

30) Saito S, Aoki H, Ito A, Ueno S, Wada T, Mitsuzuka K, Satoh M, Arai Y, and Miyagi T: Human α 2,3-sialyltransferase (ST3Gal II) is a stage-specific embryonic antigen-4 synthase. J Biol Chem 278: 26474-26479, 2003.

31) Hoshi S, Ohyama C, Hagiwara S, Ono K, Satoh M, Saito S, Fukuzaki A, and Arai Y: Complete remission of super bone scan, by low dose cisplatin, UFT, diethylstilbestrol diphosphate, and dexamethasone in a patient with hormone refractory prostate cancer. Int J Clin Oncol 8: 118-120, 2003.

32) Iwai K, Shi Y-W, Nito K, Matsuura Y, Kasai T, Miyagi M, Saito S, Arai Y, Ioritani N, Okagami

Y, Nemec M, Sulc J, Jelinkova H, Zavoral M, Kohler O, and Drlik P: Erbium:YAG laser lithotripsy by use of a flexible hollow waveguide with an end-scaling cap. *Applied Optics* 42: 2431-2435, 2003.

33) Tokuyama S, Saito S, Takahashi T, Ohyama C, Ito A, Kanto S, Satoh M, Hoshi S, Endoh M, and Arai Y: Immunostaining of stage-specific embryonic antigen-4 in intratubular germ cell neoplasia unclassified and in testicular germ-cell tumors. *Oncol Rep* 10: 1097-1104, 2003.

34) Namiki S, Tochigi T, Kuwahara M, Ohnuma T, Ioritani N, Soma F, Terai A, Nakagawa H, Satoh M, Saito S, Koinuma N, and Arai Y: Health related quality of life after radical prostatectomy in Japanese men with localized prostate cancer. *Int J Urol* 10: 643-650, 2003.

35) Hoshi S, Ohyama C, Ono K, Takeda A, Yamashita S, Yamato T, Ito A, Satoh M, Saito S, Okada Y, Sohma F, and Arai Y: Gemcitabine plus carboplatin; gemcitabine, docetaxel, and carboplatin combined chemotherapy regimens in patients with metastatic urothelial carcinoma previously treated with a platinum-based regimen: preliminary report. *Int J Clin Oncol* 9: 125-129, 2004.

36) Aoki H, Satoh M, Mitsuzuka K, Itoh A, Saito S, Funato T, Endoh M, Takahashi T, and Arai Y. Inhibition of motility and invasiveness of renal cell carcinoma induced by short interfering RNA transfection of β 1,4 GalNAc transferase. *FEBS Lett* 567: 203-208, 2004.

37) Kanto S, Hiramatsu M, Suzuki K, Ishidoya S, Saito H, Yamada S, Satoh M, Saito S, Fukuzaki A, and Arai Y. Risk factors in past histories and familial episodes related to development of testicular germ cell tumor. *Int J Urol* 11: 640-646, 2004.

38) Namiki S, Tochigi T, Kuwahara M, Ioritani N, Terai A, Numata I, Satoh M, Saito S, Koinuma N, Arai Y. Health related quality of life in Japanese men after radical prostatectomy or radiation therapy for localized prostate cancer. *Int J Urol* 11: 619-627, 2004.

39) Kaiho Y, Nakagawa H, Ito A, Satoh M, Ikeda Y, Saito S, and Arai Y. Ipsilateral seminal emission generated by electrostimulation of the lumbar sympathetic nerve during nerve sparing laparoscopic retroperitoneal lymph node dissection for testicular cancer. *J Urol* 172: 928-931,

2004.

40) Namiki S, Tochigi T, Kuwahara M, Ioritani N, Yoshimura K, Terai A, Nakagawa H, Ishidoya S, Satoh M, Ito A, Saito S, Koinuma N, and Arai Y: Recovery of health related quality of life after prostatectomy in Japanese men: A longitudinal study. *Int J Urol* 11: 742-749, 2004.

41) Namiki S, Egawa S, Baba S, Usui Y, Terachi T, Yoshimura K, Terai A, Tochigi T, Kawamura S, Kuwahara M, Aizawa M, Ioritani N, Saito S, and Arai Y: Quality of life after laparoscopic or open radical prostatectomy: interim report on multi-institutional longitudinal study in Japan. *Jpn J Endourol ESWL* 17: 211-215, 2004.

42) Kanto S, Saito H, Ito A, Satoh M, Saito S, and Arai Y: Clinical features of testicular tumors in children. *Int J Urol* 11: 890-893, 2004.

43) Saito S, Egawa S, Endoh M, Ueno S, Ito A, Numahata K, Satoh M, Kuwao S, Baba S, Hakomori S, Arai Y: RM2 antigen (β 1,4-GalNAc-disialyl-Lc₄) as a new marker for prostate cancer. *Int J Cancer* 115: 105-113, 2005.

44) Iwai K, Shi Y-W, Matsuura Y, Miyagi M, Saito S, and Arai Y: Characteristics of calculus fragmentation using Er:TAG laser light emitted by an IR hollow optical fiber with various sealing caps. *Applied Optics* 44 (16): 3266-3270, 2005..

45) Namiki S, Saito S, Tochigi T, Kuwahara M, Ioritani N, Yoshimura K, Terai A, Koinuma N, Arai Y: Impact of hormonal therapy prior to radical prostatectomy on the recovery of quality of life. *Int J Urol* 12: 173-181, 2005.

46) Kaiho Y, Nakagawa H, Ikeda Y, Namiki S, Numahata K, Satoh M, Saito S, Yoshimura K, Terai A, Arai Y: Intraoperative electrophysiological confirmation of urinary continence after radical prostatectomy. *J Urol* 173: 1139-1142, 2005.

47) Namiki S, Saito S, Ishidoya S, Tochigi T, Ioritani N, Yoshimura K, Terai A, Arai Y: Adverse effect of radical prostatectomy on nocturia and voiding frequency symptoms. *Urology* 66: 147-151, 2005.

48) Satoh M, Ito A, Kaiho Y, Nakagawa H, Saito S, Endo M, Ohyama C, Arai Y: Intraoperative, radio-guided sentinel lymph node mapping in laparoscopic lymph node dissection for stage I testicular carcinoma. *Cancer* 103: 2067-2072, 2005.

49) Namiki S, Saito S, Satoh M, Ishidoya S, Kawamura S, Tochigi T, Kuwahara M, Aizawa M, Ioritani N, Yoshimura K, Ichioka K, Terai A, and Arai Y: Quality of life after radical prostatectomy in Japanese men: 2 year longitudinal study. *Jpn J Clin Oncol* 35 (9): 551-558, 2005.

50) Namiki S, Terai A, Nakagawa H, Ikeda Y, Saito S, Satoh M, Ishidoya S, Yoshimura K, Ichioka K, Arai Y: Intraoperative electrophysiological confirmation of neurovascular bundle preservation during radical prostatectomy: long-term assessment of urinary and sexual function. *Jpn J Clin Oncol* 35: 660-666, 2005.

51) Ueno S, Saito S, Wada T, Yamaguchi K, Satoh M, Arai Y, Miyagi T: Plasma membrane-associated sialidase is up-regulated in renal cell carcinoma and promotes interleukin-6-induced apoptosis suppression and cell motility. *J Biol Chem* 281: 7756-7764, 2006.

52) Namiki S, Egawa S, Terachi T, Matsubara A, Igawa M, Terai A, Tochigi T, Ioritani N, Saito S, Arai Y: Changes in quality of life in the first year after radical prostatectomy by retropubic, laparoscopic, and perineal approach: multi-institutional longitudinal study in Japan. *Urology* 67: 321-327, 2006.

53) Namiki S, Ishidoya S, Tochigi T, Kawamura M, Terai A, Yoshimura K, Numata I, Satoh M, Saito S, Takai Y, Yamada S, Arai Y: Health-related quality of life after intensity modulated radiation therapy for localized prostate cancer: comparison with conventional and conformal radiotherapy. *Jpn J Clin Oncol* 36:224-230, 2006.

54) Namiki S, Ishidoya S, Saito S, Satoh M, Tochigi T, Ioritani N, Yoshimura K, Terai A, Arai Y: Natural history of voiding function after radical retropubic prostatectomy. *Urology* 68: 142-147, 2006.

- 55) Wang H, Satoh M, Abe H, Sunamura M, Moriya T, Ishidoya S, Saito S, Hamada H, Arai Y: Oncolytic viral therapy by bladder instillation using an E1A, E1B double-restricted adenovirus in an orthotopic bladder cancer model. Urology. 2006 Sep;68(3):674-681.
- 56) Saito S, Namiki S, Numahata K, Satoh M, Ishidoya S, Ito A, Arai Y: Relevance of post-catheter removal incontinence to postoperative urinary function after radical prostatectomy. Int J Urol 13: 1191-1196, 2006.
- 57) Namiki S, Satoh T, Baba S, Ishikawa H, Hayakawa K, Saito S, Arai Y: Quality of life after brachytherapy of radical prostatectomy for localized prostate cancer: A prospective longitudinal study. Urology 68: 1230-1236, 2006.
- 58) Saito S, Namiki S, Numahata K, Satoh M, Ishidoya S, Ito A, Nakagawa H, Kaiho Y, Sanada T, Yamada A, Arai Y: Impact of unilateral interposition sural nerve graft on recovery of sexual function after radical prostatectomy in Japanese men: a preliminary study. Int J Urol 14: 133-139, 2007.
- 59) Kato M, Takeda A, Saito S, Terai A, Taki Y, Kato S, Okada Y, Ogawa O, Arai Y: Long-term functional outcomes of ileal and sigmoid orthotopic neobladder procedures. Urology 69:74-77, 2007.
- 60) Namiki S, Saito S, Tochigi T, Ioritani N, Terai A, Arai Y: Impact of salvage therapy for biochemical recurrence on health-related quality of life following radical prostatectomy. Int J Urol 14: 186-191, 2007.
- 61) Ishidoya S, Endoh M, Nakagawa H, Saito S, Arai Y: Novel anatomical findings of the prostatic gland and the surrounding capsular structures in the normal prostate. Tohoku J Exp Med 212: 55-62, 2007.
- 62) Namiki S, Saito S, Nakagawa H, Sanada T, Yamada A, Arai Y: Impact of unilateral sural nerve graft on recovery of potency and continence following radical prostatectomy: 3-year longitudinal study. J Urol 178: 212-216, 2007.

- 63) Maruyama R, Saito S, Bilim V, Hara N, Itoi T, Yamana K, Nishiyama T, Arai Y, Takahashi K, Tomita Y: High incidence of GalNAc disialosyl lactotetraosylceramide in metastatic renal cell carcinoma. *Anticancer Res* 27 (6C): 4345-4350, 2007.
- 64) Namiki S, Saito S, Tochigi T, Numata I, Ioritani N, Arai Y: Psychological distress in Japanese men with localized prostate cancer. *Int J Urol* 14: 924-929, 2007.
- 65) Namiki S, Kwan L, Kagawa-Singer M, Saito S, Terai A, Satoh T, Baba S, Arai Y, Litwin MS: Sexual function reported by Japanese and American men. *J Urol* 179: 245-249, 2007.
- 66) Fujimura T, Shinohara Y, Tissot B, Pang P-C, Kurogochi M, Saito S, Arai Y, Sadilek M, Murayama K, Dell A, Nishimura S, Hakomori S: Glycosylation status of haptoglobin in sera of patients with prostate cancer, vs. benign prostate disease or normal subjects. *Int J Cancer* 122, 39-49, 2008.
- 67) Saito S, Murayama Y, Pan Y, Taima T, Fujimura T, Murayama K, Sadilek M, Egawa S, Ueno S, Ito A, Ishidoya S, Nakagawa H, Kato M, Satoh M, Endoh M, Arai Y: Haptoglobin β chain defined by monoclonal antibody RM2 as a novel serum marker for prostate cancer. *Int J Cancer* 123: 633-640, 2008.
- 68) Oriyasa K, Ito A, Ishidoya S, Saito S, Endo M, Arai Y: Anterior apical biopsy: Is it useful for prostate cancer detection? *Int J Urol* 15: 900-904, 2008.
- 69) Namiki S, Ishidoya S, Ito A, Kawamura S, Tochigi T, Saito S, Arai Y: Quality of life after radical prostatectomy in Japanese men: A 5-year follow up study. *Int J Urol* 16: 75-81, 2009.
- 70) Maeda H, Yonou H, Yano K, Ishii G, Saito S, Ochiai A: Prostate-specific antigen enhances bioavailability of insulin-like growth factor by degrading insulin-like growth factor binding protein 5. *Biochem Biophys Res Commun* 381: 311-316, 2009.
- 71) Kaiho Y, Nakagawa H, Saito H, Ito A, Ishidoya S, Saito S, Arai Y: Nerves at the ventral prostatic capsule contribute to erectile function: Initial electrophysiological assessment in

humans. Eur Urol 55: 148-155, 2009.

72) Miyazato M, Sugaya K, Nishijima S, Kadekawa K, Machida N, Oshiro Y, Saito S: Changes of bladder activity and connexin 43-derived gap junctions after partial bladder-outlet obstruction in rats. Int Urol Nephrol 41: 815-821, 2009.

73) Namiki S, Litwin MS, Kwan L, Kagawa-Singer M, Ishidoya S, Saito S, Arai Y: Association of lower urinary tract symptoms with sexual dysfunction: a cross-cultural study between Japanese and American men with localized prostate cancer. BJU Int 104: 1071-1076, 2009.

74) Kawamorita N, Saito S, Ishidoya S, Ito A, Saito H, Kato M, Arai Y: Radical prostatectomy for high-risk prostate cancer: biochemical outcome. Int J Urol 16: 733-738, 2009.

75) Kadekawa K, Nishijima S, Sugaya K, Miyazato M, Saito S: Mechanisms by which the serotonergic system inhibits micturition in rats. Life Sci 85: 592-596, 2009.

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Orthosiphon grandiflorus, Hibiscus sabdariffa and Phyllanthus amarus Extracts on Risk Factors for Urinary Calcium Oxalate Stones in Rats. J Urol 185: 323-328, 2011.

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82) Ikehara A, Maeda H, Kimura T, Saito S, Ochiai A: Bone marrow-derived macrophages are associated with androgen modulated prostate regeneration. The Prostate 72: 1-11, 2012.

Original Article-Japanese

1) Fukushi Y, Saito S, Orikasa S: [A novel fucoganglioside, disialosyl Le(a) and monoclonal antibody FH7 defining this structure. Quantitative investigation of serum level in patients with urological malignant diseases]. Nippon Hinyokika Gakkai Zasshi. (Jpn J Urol) 78: 1878-1883, 1987.

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