

- Paraneoplastic pemphigus presenting as erythrodermic lichenoid dermatitis with concomitant features of pemphigus foliaceus. **J Dermatol** 34:645-649,2007
- 29) Maruyama H, Kawachi Y, Fujisawa Y, Itoh S, Furuta J, Ishii Y, Takahashi T, Hashimoto T, Otsuka F. IgA/IgG pemphigus positive for anti-desmoglein 1 autoantibody. **Eur J Dermatol**. 17(1):94-95,2007
- 30) Pastar Z, Rados J, Lipozencic J, Dobric I, Marinovic B, Ishii N, Hashimoto T: Case of concurrent epidermolysis bullosa acquisita and anti-p200 pemphigoid - how to treat it? **Int J Dermatol** 46(3):295-298,2007
- 31) Sugita K, Kabashima K, Nishio D, Hashimoto T, Tokura Y. Th2 cell fluctuation in association with reciprocal occurrence of bullous pemphigoid and psoriasis vulgaris, **J Eur Acad Dermatol Venereol** 21(4):569-570,2007
- 32) Yamane N, Sawamura D, Nishie W, Abe M, Kodama K, Adachi K, Nakamura H, Ishii N, Hashimoto T, Shimizu H. Anti-p200 pemphigoid in a 17-year-old girl successfully treated with systemic corticosteroid and dapsone. **Br J Dermatol** 156(5):1075-1078,2007
- 33) Ishii N, Kusahara M, Yasumoto S, Hashimoto T. Adenoma of the nipple in a Japanese man, **Clin Exp Dermatol** 32(4):448-449,2007
- 34) Yoneda K, Yokoi I, Demitsu T, Matsuda Y, Matsuoka Y, Miyamoto I, Moriue T, Nakai K, Nibu N, Hashimoto T, Kubota Y. Localized linear IgA disease showing contact dermatitis-like eruption **Eur J Dermatol** 17(4):340-341,2007
- 35) Fukiwake N, Moroi Y, Urabe K, Ishii N, Hashimoto T, Furue M: Detection of autoantibodies to desmoplakin in a patient with oral erythema multiforme. **Eur J Dermatol** 17(3):238-241,2007
- 36) Izumi R, Fujimoto M, Yazawa N, Nakashima H, Asahina N, Watanabe R, Kuwano Y, Kurokawa M, Hashimoto T, Tamaki K: Bullous pemphigoid positive for anti-BP180 and anti-laminin 5 antibodies in a patient with graft-vs-host disease. **J Am Acad Dermatol** 56(5 Suppl):S94-97, 2007
- 37) Taintor A, Leiferman KL, Hashimoto T, Zone JJ, Hull CM: A novel case of IgA paraneoplastic pemphigus associated with chronic lymphocytic leukemia, **J Am Acad Dermatol** 56(5 Suppl):S73-76,2007
- 38) Kowalewski C, Hamada T, Wozniak K, Kawano Y, Szczecinska W, Yasumoto S, Schwartz RA, Hashimoto T. A novel autosomal partially dominant mutation designated G476D in the keratin 5 gene causing epidermolysis bullosa simplex Weber-Cockayne type: A family study with a genetic twist. **Int J Mol Med** 20(1):75-8,2007
- 39) Hamada T, Kimura Y, Hayashi S, Nakama T, Hashimoto T. Hypereosinophilic syndrome with peripheral circulatory insufficiency

- and cutaneous microthrombi. **Arch Dermatol** 143(6):812-813,2007
- 40) Kohroh K, Suga Y, Mizuno Y, Ishii N, Hashimoto T, Ikeda S. Case of localized bullous pemphigoid with unique clinical manifestations in the lower legs. **J Dermatol** 34(7):482-5,2007
- 41) Hamada T, Yasumoto S, Karashima T, Ishii N, Shimada H, Kawano Y, Imayama S, McGrath JA, Hashimoto T. Recurrent p.N767S mutation in the ATP2A2 gene in a Japanese family with haemorrhagic Darier's disease clinically mimicking epidermolysis bullosa simplex with mottled pigmentation. **Br J Dermatol** 157(3):605-608, 2007
- 42) Kakurai M, Demitsu T, Azuma R, Yamada T, Suzuki M, Yoneda K, Ishii N, Hashimoto T. Localized pemphigoid (pretibial type) with IgG antibody to BP180 NC16a domain successfully treated with minocycline and topical corticosteroid. **Clin Exp Dermatol**. 2007 Aug 24;
- 43) Ishii N, Hashimoto T: A Case of Paraneoplastic Pemphigus Who Shifted to Pemphigus Vulgaris. **J Eur Acad Dermatol Venereol**, in press
- 44) Hamada T, Inoue Y, Nakama T, Hashimoto T: A case of zosteriform pigmented purpuric dermatosis. **Arch Dermatol**, in press
- 45) Nakama T, Ishii N, Ono F, Hamada T, Yasumoto S, Hashimoto T: The efficacy of interferon-gamma in patients with refractory bullous pemphigoid. **J Dermatol**, in press
- 46) Nakajima K, Hashimoto T, Nakajima H, Yokogawa M, Kodama H: IgG/IgA pemphigus with dyskeratotic acantholysis and intradepidermal neutrophilic microabscesses, **J Dermatol**, in press
- 47) Dainichi T, Ueda S, Furue M, Hashimoto T: By the grace of peeling: the brace function of the stratum corneum in the protection from photo-induced keratinocyte carcinogenesis, **Arch Dermatol Res**, in press
- 48) Morizane S, Yamamoto T, Hisamatsu Y, Tsuji K, Oono T, Hashimoto T, Iwatsuki K. Pemphigus vegetans with IgG and IgA antidesmoglein 3 antibodies. **Br J Dermatol** 153:1236-7, 2005.
- 49) S. : Komine M, Karakawa M, Takekoshi T, Sakurai N, Minatani Y, Mitsui H, Tada Y, Saeki H, Asahina A, Tamaki K. Early inflammatory changes in the "perilesional skin" of psoriatic plaques: is there interaction between dendritic cells and keratinocytes? **J Invest Dermatol**. 127(8):1915-22, 2007.
- 50) Komine M, Kakinuma T, Kagami S, Hanakawa Y, Hashimoto K, Tamaki K. Mechanism of thymus and activation-regulated chemokine (TARC)/CCL17 production and its modulation by roxithromycin. **J Invest Dermatol** 125:491-498, 2005
- 51) T. Mabuchi, A. Oka, M. Iizuka, Y. Umezawa, T. Matsuyama, Y. Kubota, J. Nakayama, M. Ozawa, T.

- Terui, S. Yasumoto, T. Hashimoto, S. Ikeda, Y. Matsumoto, H. Sueki, M. Iijima, J.K. Kulski and A. Ozawa: Fine mapping of psoriasis-susceptibility locus within the HLA class II region by using micro-satellite markers in an association study of Japanese cases and controls. **Tokai J Exp Clin Med** 32:6-13, 2007
- 52) Kulski JK, Kenworthy W, Bellgard M, Taplin R, Okamoto K, Oka A, Mabuchi T, Ozawa A, Tamiya G, Inoko H: Gene expression profiling of Japanese psoriatic skin reveals an increased activity in molecular stress and immune response signals. **J Mol Med** 83:964-975, 2005
- 53) Aoyagi S, Akiyama M, Mashiko M, Shibaki A, Shimizu H: Extensive proliferative nodules in a case of giant congenital naevus. **Clin Exp Dermatol** in press. Natsuga K, Akiyama M, Kato N, Sakai K, Sugiyama-Nakagiri Y, Nishimura M, Hata H, Abe M, Arita K, Tsuji-Abe Y, Onozuka T, Aoyagi S, Kodama K, Ujiie H, Tomita Y, Shimizu H: Novel ABCA12 Mutations Identified in Two Cases of Non-Bullous Congenital Ichthyosi-form Erythroderma Associated with Multiple Skin Malignant Neoplasia. **J Invest Dermatol** in press.
- 54) Olasz EB, Roh J, Yee CL, Arita K, Akiyama M, Shimizu H, Vogel JC, Yancey KB: Human Bullous Pemphigoid Antigen 2 Transgenic Skin Elicits Specific IgG in Wild-Type Mice. **J Invest Dermatol** in press.
- 55) Shinkuma S, Nishie W, Shibaki A, Sawamura D, Ito K, Tsuji-Abe Y, Natsuga K, Chan P, Amagai M, Shimizu H: Cutaneous type pemphigus vulgaris with skin manifestations similar to the classical mucocutaneous type: a case report and review of the literature. **Clin Exp Dermatol** in press.
- 56) Tsubota A, Akiyama M, Sakai K, Yanagi T, McMillan J, Higashi A, Shimizu H: Congenital ichthyosiform erythroderma mimicking ichthyosis bullosa of Simens. **Br J Dermatol** in press.
- 57) Abe M, Sawamura D, Goto M, Nakamura H, Nagasaki A, Nomura Y, Kawasaki H, Isogai R, Shimizu H: ITGB4 missense mutation in a transmembrane domain causes non-lethal variant of junctional epidermolysis bullosa with pyloric atresia. **J Dermatol Sci** 47:165-7, 2007.
- 58) Akiyama M, Sakai K, Arita K, Nomura Y, Ito K, Kodama K, McMillan JR, Kobayashi K, Sawamura D, Shimizu H: A novel GJB2 mutation p.Asn54His in a patient with palmoplantar keratoderma, sensorineural hearing loss and knuckle pads. **J Invest Dermatol** 127:1540-3, 2007.
- 59) Akiyama M, Sakai K, Sato T, McMillan JR, Goto M, Sawamura D, Shimizu H: Compound heterozygous ABCA12 mutations including a novel nonsense mutation underlie harle-

- quin ichthyosis. **Dermatology** 215: 155-9, 2007.
- 60) Akiyama M, Titeux M, Sakai K, McMillan JR, Tonasso L, Calvas P, Jossic F, Hovnanian A, Shimizu H: DNA-based prenatal diagnosis of harlequin ichthyosis and characterization of ABCA12 mutation consequences. **J Invest Dermatol** 127:568-73, 2007.
- 61) Arita K, Jacyk WK, Wessagowit V, van Rensburg EJ, Chaplin T, Mein CA, Akiyama M, Shimizu H, Happle R, McGrath JA: The South African "bathing suit ichthyosis" is a form of lamellar ichthyosis caused by a homozygous missense mutation, p.R315L, in transglutaminase 1. **J Invest Dermatol** 127:490-3, 2007.
- 62) McMillan JR, Akiyama M, Rouan F, Mellerio JE, Lane EB, Leigh IM, Owaribe K, Wiche G, Fujii N, Uitto J, Eady RA, Shimizu H: Plectin defects in epidermolysis bullosa simplex with muscular dystrophy. **Muscle Nerve** 35:24-35, 2007.
- 63) Nishie W, Sawamura D, Goto M, Ito K, Shibaki A, McMillan JR, Sakai K, Nakamura H, Olasz E, Yancey KB, Akiyama M, Shimizu H: Humanization of autoantigen. **Nat Med** 13:378-83, 2007.
- 64) Nomura T, Sandilands A, Akiyama M, Liao H, Evans AT, Sakai K, Ota M, Sugiura H, Yamamoto K, Sato H, Palmer CN, Smith FJ, McLean WH, Shimizu H: Unique mutations in the filaggrin gene in Japanese patients with ichthyosis vulgaris and atopic dermatitis. **J Allergy Clin Immunol** 119:434-40, 2007.
- 65) Sawamura D, Goto M, Sakai K, Nakamura H, McMillan JR, Akiyama M, Shirado O, Oyama N, Satoh M, Kaneko F, Takahashi T, Konno H, Shimizu H: Possible involvement of exon 31 alternative splicing in phenotype and severity of epidermolysis bullosa caused by mutations in PLEC1. **J Invest Dermatol** 127:1537-40, 2007.
- 66) Yamanaka Y, Akiyama M, Sugiyama-Nakagiri Y, Sakai K, Goto M, McMillan JR, Ota M, Sawamura D, Shimizu H: Expression of the keratinocyte lipid transporter ABCA12 in developing and reconstituted human epidermis. **Am J Pathol** 171:43-52, 2007.
- 67) Yamane N, Sawamura D, Nishie W, Abe M, Kodama K, Adachi K, Nakamura H, Ishii N, Hashimoto T, Shimizu H: Anti-p200 pemphigoid in a 17-year-old girl successfully treated with systemic corticosteroid and dapsone. **Br J Dermatol** 156:1075-8, 2007.
- 68) Akiyama M, Sakai K, Sugiyama-Nakagiri Y, Yamanaka Y, McMillan JR, Sawamura D, Niizeki H, Miyagawa S, Shimizu H: Compound heterozygous mutations including a de novo missense mutation in ABCA12 led to a case of harlequin ichthyosis with moderate clinical severity. **J Invest Dermatol** 126:1518-23, 2006.
- 69) Akiyama M, Sakai K, Wolff G,

- Hausser I, McMillan J, Sawamura D, Shimizu H: A novel ABCA12 mutation 3270delT causes harlequin ichthyosis. **Brit J Dermatol** 155:1064-1066, 2006.
- 70) Arita K, Akiyama M, Aizawa T, Umetsu Y, Segawa I, Goto M, Sawamura D, Demura M, Kawano K, Shimizu H: A novel N14Y mutation in Connexin26 in keratitis-ichthyosis-deafness syndrome: analyses of altered gap junctional communication and molecular structure of N terminus of mutated Connexin26. **Am J Pathol** 169:416-23, 2006.
- 71) Goto M, Sawamura D, Ito K, Abe M, Nishie W, Sakai K, Shibaki A, Akiyama M, Shimizu H: Fibroblasts show more potential as target cells than keratinocytes in COL7A1 gene therapy of dystrophic epidermolysis bullosa. **J Invest Dermatol** 126:766-72, 2006.
- 72) Goto M, Sawamura D, Nishie W, Sakai K, McMillan JR, Akiyama M, Shimizu H: Targeted Skipping of a Single Exon Harboring a Premature Termination Codon Mutation: Implications and Potential for Gene Correction Therapy for Selective Dystrophic Epidermolysis Bullosa Patients. **J Invest Dermatol** 126:2614-2620, 2006.
- 73) Inokuma D, Abe R, Fujita Y, Sasaki M, Shibaki A, Nakamura H, McMillan JR, Shimizu T, Shimizu H: CTACK/CCL27 accelerates skin regeneration via accumulation of bone marrow derived-keratinocytes. **Stem Cells** 24:2810-2816, 2006.
- 74) Mashiko M, Akiyama M, Tsuji-Abe Y, Shimizu H: Bacterial infection-induced generalized Hailey-Hailey disease successfully treated by etretinate. **Clin Exp Dermatol** 31:57-9, 2006.
- 75) McMillan JR, Akiyama M, Nakamura H, Shimizu H: Colocalization of multiple laminin isoforms predominantly beneath hemidesmosomes in the upper lamina densa of the epidermal basement membrane. **J Histochem Cytochem** 54:109-18, 2006.
- 76) Nakamura H, Sawamura D, Goto M, Kida M, Ariga T, Sakiyama Y, Tomizawa K, Mitsui H, Tamaki K, Shimizu H: Analysis of the COL17A1 in non-Herlitz junctional epidermolysis bullosa and amelogenesis imperfecta. **Int J Mol Med** 18:333-7, 2006.
- 77) Onozuka T, Sawamura D, Goto M, Yokota K, Shimizu H: Possible role of endoplasmic reticulum stress in the pathogenesis of Darier's disease. **J Dermatol Sci** 41:217-20, 2006.
- 78) Ota M, Sawamura D, Yokota K, Ueda M, Horiguchi Y, Kodama K, Goto M, Shimizu H: A unique monoclonal antibody 29A stains the cytoplasm of amniotic epithelia and cutaneous basement membrane. **J Dermatol Sci** 42:23-9, 2006.
- 79) Sakai K, Akiyama M, Watanabe T, Sanayama K, Sugita K, Takahashi M, Suehiro K, Yorifuji K, Shibaki A,

- Shimizu H: Novel ALDH3A2 Heterozygous Mutations in a Japanese Family with Sjogren-Larsson Syndrome. **J Invest Dermatol** 126:2545-7, 2006.
- 80) Sawamura D, Mochitomi Y, Kanzaki T, Nakamura H, Shimizu H: Glycine substitution mutations by different amino acids at the same codon in COL7A1 cause different modes of dystrophic epidermolysis bullosa inheritance. **Br J Dermatol** 155:834-837, 2006.
- 81) Sawamura D, Niizeki H, Miyagawa S, Shinkuma S, Shimizu H: A novel indel COL7A1 mutation 8068del17insGA causes dominant dystrophic epidermolysis bullosa. **Br J Dermatol** 154:995-7, 2006.
- 82) Sawamura D, Sato-Matsumura K, Shibata S, Tashiro A, Furue M, Goto M, Sakai K, Akiyama M, Nakamura H, Shimizu H: COL7A1 mutation G2037E causes epidermal retention of type VII collagen. **J Hum Genet** 51:418-23, 2006.
- 83) Shimizu H: Prenatal diagnosis of epidermolysis bullosa. **Prenatal Diag** 26:1260-1, 2006.
- 84) Yasukawa K, Sawamura D, Goto M, Nakamura H, Jung S, Kim S, Shimizu H: Epidermolysis bullosa simplex in Japanese and Korean patients: genetic studies in 19 cases. **Br J Dermatol** 155:313-7, 2006.
- 85) Akiyama M, Sugiyama-Nakagiri Y, Sakai K, McMillan JR, Goto M, Arita K, Tsuji-Abe Y, Tabata N, Matsuoka K, Sasaki R, Sawamura D, Shimizu H: Mutations in lipid transporter ABCA12 in harlequin ichthyosis and functional recovery by corrective gene transfer. **J Clin Invest** 115:1777-1784, 2005.
- 86) Akiyama M, Tsuji-Abe Y, Yanagihara M, Nakajima K, Kodama H, Yaosaka M, Abe M, Sawamura D, Shimizu H: Ichthyosis bullosa of siemens: its correct diagnosis facilitated by molecular genetic testing. **Br J Dermatol** 152:1353-1356, 2005.
- 87) Horiguchi Y, Sawamura D, Mori R, Nakamura H, Takahashi K, Shimizu H: Clinical heterogeneity of 1649delG mutation in the tail domain of keratin 5: a Japanese family with epidermolysis bullosa simplex with mottled pigmentation. **J Invest Dermatol** 125:83-5, 2005.
- 88) Kawashima J, Akiyama M, Takizawa Y, Takahashi S, Matsuo I, Shimizu H: Structural, enzymatic and molecular studies in a series of nonbullous congenital ichthyosiform erythroderma patients. **Clin Exp Dermatol** 30:429-431, 2005.
- 89) Mitsui H, Watanabe T, Komine M, Nakamura H, Shimizu H, Tamaki K: Focal palmoplantar callosities in non-Herlitz junctional epidermolysis bullosa. **J Am Acad Dermatol** 52:371-373, 2005.
- 90) Nakamura H, Sawamura D, Goto M, Nakamura H, McMillan JR, Park S, Kono S, Hasegawa S, Paku S, Nakamura T, Ogiso Y, Shimizu H: Epidermolysis bullosa simplex associ-

- ated with pyloric atresia is a novel clinical subtype caused by mutations in the plectin gene (PLEC1). **J Mol Diagn** 7:28-35, 2005.
- 91) Sawamura D, Goto M, Yasukawa K, Sato-Matsumura K, Nakamura H, Ito K, Tomita Y, Shimizu H: Genetic studies of 20 Japanese families of dystrophic epi-dermolysis bullosa. **J Hum Genet** 50:543-546, 2005
- 92) Shimizu A, Akiyama M, Ishiko A, Yoshiike T, Suzumori K, Shimizu H: Prenatal exclusion of harlequin ichthyosis; potential pitfalls in the timing of the fetal skin biopsy. **Br J Dermatol** 153:811-814, 2005.
- 93) Tomita Y, Akiyama M, Shimizu H: Stratum corneum hydration and flexibility are useful parameters to indicate clinical severity of congenital ichthyosis. **Exp Dermatol** 14:619-24, 2005.
- 94) Tsuji-Abe Y, Akiyama M, Yamanaka Y, Kikuchi T, Sato-Matsumura KC, Shimizu H: Correlation of clinical severity and ELISA indices for the NC16A domain of BP180 measured using BP180 ELISA kit in bullous pemphigoid. **J Dermatol Sci** 37:145-149, 2005.
- 95) Yasukawa K, Sawamura D, Akiyama M, Motoda N, Shimizu H: Keratotic lesions in epi-dermolysis bullosa simplex with mottled pigmentation. **J Am Acad Dermatol** 52:172-3, 2005.
- 96) Dai X, Sayama K, Shirakata Y, Hanakawa Y, Yamasaki K, Tokumaru S, Yang L, Wang X, Hirakawa S, Tohyama M, Yamauchi T, Takashi K, Kagechika H, Hashimoto K: STAT5a/PPAR gamma pathway regulates involucrin expression in keratinocyte differentiation. **J Invest Dermatol** 127:1728-1735, 2007.
- 97) Nagai H, Tokumaru S, Sayama K, Shirakata Y, Hanakawa Y, Hirakawa S, Dai X, Tohyama M, Yang L, Hashimoto K: Suppressor of cytokine signaling 3 negative regulation of signal transducer and activator of transcription 3 in platelet-derived growth factor-induced fibroblast migration. **J Dermatol** 34:523-530, 2007.
- 98) Nanba D, Inoue H, Shigemi Y, Shirakata Y, Hashimoto K, Higashiyama S: An intermediary role of proHB-EGF shedding in growth factor-induced c-Myc gene expression. **J Cell Physiol** in press
- 99) Tohyama M, Hashimoto K, Yasukawa M, Kimura H, Horikawa T, Nakajima K, Urano Y, Matsumoto K, Iijima M, Shear NH: Association of human herpesvirus 6 reactivation with the flaring and severity of drug-induced hypersensitivity syndrome. **Br J Dermatol** in press
- 100) Tohyama M, Sayama K, Komatsuzawa H, Hanakawa Y, Shirakata Y, Dai X, Yang L, Tokumaru S, Nagai H, Hirakawa S, Sugai M, Hashimoto K: CXCL 16 is a novel mediator of the innate immunity of epidermal keratinocytes. **Int Immunol** 19:

- 1095-1102, 2007.
- 101) Shiraishi K, Yamasaki K, Nanba D, Inoue H, Hanakawa Y, Shirakata Y, Hashimoto K, Higashiyama S: Pre-B-cell leukemia transcription factor 1 is a major target of promyelocytic leukemia zinc-finger-mediated melanoma cell growth suppression. **Oncogene** 26:339-48, 2007
- 102) Shirakata Y, Kishimoto J, Tokumaru S, Yamasaki K, Hanakawa Y, Tohyama M, Sayama K, Hashimoto K: Epiregulin, a member of the EGF family, is over-expressed in psoriatic epidermis. **J Dermatol Sci** 45:69-72, 2007
- 103) Ehama R, Ishimatsu-Tsuji Y, Iriyama S, Ideta R, Soma T, Yano K, Kawasaki C, Suzuki S, Shirakata Y, Hashimoto K, Kishimoto J: Hair follicle regeneration using grafted rodent and human cells. **J Invest Dermatol** 127:2106-15, 2007
- 104) Otsuru, S., Tamai, K., Yamazaki, T., Yoshikawa, H., and Kaneda, Y. Circulating bone marrow-derived osteoblast progenitor cells are recruited to the bone-forming site by CXCR4/SDF1 pathway. **Stem Cells**, in press.
- 105) Takami, Y., Nakagami, H., Morishita, R., Katsuya, T.,m Cui, T=X, Ichikawa, T., Saito, Y., Hayashi,H., Kikuchi, Y., Nishikawa, T., Baba, Y., Yasudda, O., Rakugi, H., Ogihara, T., and Kaneda, Y. Ubiquitin carboxy-terminal hydrolase L1, a novel deubiquitinating enzyme in the vasculature, attenuates NF-kB activation. **Arterioscler. Thromb. Vasc. Biol.** 27, 2184-2190, 2007.
- 106) Shimizu, N., Azuma, N., Nishikawa, T., Hirata, S., Morishita, R., Kaneda, Y., and Sasajima, T. Effect on vein graft intimal hyperplasia of nuclear factor-kB decoy transfection using the second generation of HVJ vector. **The Journal of Cardiovascular Surgery** 48, 463-470, 2007.
- 107) Son, G., Iimuro, Y., Seki, E., Hirano, T., Kaneda, Y., and Fujimoto, J. Selective inactivation of NF-kB in the liver using NF-kB decoy suppresses CCL4-induced liver injury and fibrosis. **Am. J. Phys. Gast. Liver Phys.** 293, G631-639, 2007.
- 108) Shimbo, T., Kawachi, M., Saga, K., Fujita, H., Yamazaki, T., Tamai, K., and Kaneda, Y. Development of a transferrin receptor-targeting HVJ-E vector. **Biochem. Biophys. Res. Comm.** in press.
- 109) Kawachi, M., Tamai, K., Saga, K., Yamazaki, T., Fujita, H., Shimbo, T., Nimura, K., Nishifuji, K., Amagai, M., Uitto, J., and Kaneda, Y. Development of tissue-targeting HVJ envelope vector for successful delivery of therapeutic gene to mouse skin. **Human Gene Therapy** ,18, 881-894, 2007.
- 110) Hayashi, H., Nakagami, H., Takami, Y., Sato, N., Saito, Y., Nishikawa, T., Mori, M., Koriyama, H., Tamai, K., Morishita, R., and Kaneda, Y. Involvement of ●-secretase in post-natal angiogenesis **Biochem.**

- Biophys. Res. Comm.** in press.
- 111) Kawano, H., Komaba, S., Kanamori, T., and Kaneda, Y. A new therapy for highly effective tumor eradication using HVJ-E combined with chemotherapy. **BMC Medicine**, in press.
- 112) Saito, Y., Nakagami, H., Kurooka, M., Takami, Y., Kikuchi, Y., Hayashi, H., Nishikawa, T., Tamai, K., Morishita, R., Azuma, N., Sasajima, T., and Kaneda, Y. Cold shock domain protein A represses angiogenesis and lymphangiogenesis via inhibition of serum response element. **Oncogene**, in press.
- 113) Fujihara, A., Kurooka, M., Miki, T., and Kaneda, Y. Intratumoral injection of inactivated Sendai virus particles elicits strong antitumor activity by enhancing local CXCL10 expression and systemic NK cell activation. **Cancer Immunology Immunotherapy**, in press.
- 114) Kawano, H., Komaba, S., Yamasaki, T., Maeda, M., Kimura, Y., Maeda, A., and Kaneda, Y. New potential therapy for orthotopic bladder carcinoma by combining HVJ envelope with doxorubicin. **Cancer Chemother. Pharmacol.** In press.
- 115) Izumo, T., Otsuru, A., Tokunaga, Y., Namba, H., Kaneda, Y., Nagata, I., and Yamashita, S. Epstein-Barr virus-based vector improves the tumor cell killing effect of pituitary tumor in HVJ-liposome-mediated transcriptional targeting suicide gene therapy. **Int J Oncol.** 2007 Aug;31(2):379-87.
- 116) Yasuoka, E., Oshima, K., Tamai, K., Kubo, T., and Kaneda, Y. Needleless intranasal administration of HVJ-E containing allergen attenuates experimental allergic rhinitis. **J. Mol. Medicine**, 85 279-288, 2007.
- 117) Okada, M., Kita, Y., Nakajima, T., Kanamaru, N., Hashimoto, S., Nagasawa, T., Kaneda, Y., et al. Evaluation of a novel vaccine (HVJ-liposome/HSP65 DNA+IL-12 DNA) against tuberculosis using the cynomolgus monkey model of TB. **Vaccine** in press.
- 118) Hayashi, M., Nimura, K., Kashiwagi, K., Harada, T., Takaoka, K., Kato, H., Tamai, K., and Kaneda, Y. Comparative Roles of Twist-1 and Id-1 in Transcriptional Regulation by BMP Signaling. **J. Cell Sci.** 120, 1350-1357, 2007.
- 119) Umegaki, N., Tamai, K., Nakano, H., Moritsugu, R., Yamazaki, T., Hanada, H., Katayama, I., and Kaneda, Y. Differential regulation of karyopherin alpha2 expression by TGF- β 1 and IFN- γ in normal human keratinocytes: evident contribution of KPNA2 for nuclear translocation of IRF-1. **J. Invest. Dermatol.**, 127, 1456-1464, 2007.
- 120) Otsuru, S., Tamai, K., Yamazaki, T., Yoshikawa, H., and Kaneda, Y. Bone marrow-derived osteoblast progenitor cells in circulating blood contribute to ectopic bone formation in mice. **Biochem. Biophys. Res. Comm.** 354, 453-458, 2007.

- 121) Kurooka, M. and Kaneda, Y. Inactivated Sendai virus particles eradicate tumors by inducing immune responses through blocking regulatory T cells. **Cancer Research**, 67, 227-236, 2007.
- 122) Suvanasuthi, S., Tamai, K. and Kaneda, Y. Rapid transport of plasmid DNA into the nucleolus via actin depolymerization using HVJ envelope vector. **J. Gene Medicine**; 9, 55-62, 2007.
- 123) Mabuchi E, Umegaki N, Murota H, Nakamura T, Tamai K and Katayama I. Oral steroid improves bullous pemphigoid-like clinical manifestations in non-Herlitz junctional epidermolysis bullosa with COL17A1 mutation. **Br J Dermatol.** 2007 Sep;157(3):596-8. Epub 2007.
- 124) Nakano H, Toyomaki Y, Ohashi S, Nakano A, Jin H, Munakata T, Akita N, Tamai K, Mitsuhashi Y. Novel COL7A1 mutations in a Japanese family with transient bullous dermolysis of the newborn associated with pseudosyndactyly. **Br J Dermatol.** 157(1):179-82, 2007. Epub 2007 May 14.
- 125) Iwata T, Nakano H, Nakano A, Toyomaki Y, Tamai K, Tomita Y. Dominant dystrophic epidermolysis bullosa caused by a novel G2037R mutation and by a known G2028R mutation in the type VII collagen gene (COL7A1). **J Dermatol.** ;33(8):550-6, 2006
- 126) Hata D, Miyazaki M, Seto S, Kadota E, Muso E, Takasu K, Nakano A, Tamai K, Uitto J, Nagata M, Moriyama K, Miyazaki K. Nephrotic syndrome and aberrant expression of laminin isoforms in glomerular basement membranes for an infant with Herlitz junctional epidermolysis bullosa. **Pediatrics.** 116(4):e601-7. Epub 2005
- 127) Ng W, Nishiyama C, Mizoguchi M, Nakano N, Suga Y, Ikeda S, Itoh S, Kinoshita K, Okumura K, Ogawa H. Human umbilical cord epithelial cells express Notch1: Implications for its epidermal-like differentiation. **J Dermatol Sci** in press 2007.
- 128) Takagi A, Nishiyama C, Maeda K, Tokura T, Kawada H, Kanada S, Niwa Y, Nakano N, Mayuzumi N, Nishiyama M, Ikeda S, Okumura K, Ogawa H: Role of Sp1 in Transcription of Human ATP2A2 Gene in Keratinocytes. **J Invest Dermatol.** 2007, Jun 28[Epub ahead of print]
- 130) Takagi A, Nishiyama C, Maeda K, Tokura T, Kawada H, Kanada S, Niwa Y, Nakano N, Mayuzumi N, Nishiyama M, Ikeda S, Okumura K, Ogawa H: Role of Sp1 in Transcription of Human ATP2A2 Gene in Keratinocytes. **J Invest Dermatol.** 2007, Jun 28 [Epub ahead of print]
- 131) Hasegawa T, Suga Y, Ikejima A, Muramatsu S, Mizuno Y, Tsuchihashi H, Haruna K, Ogawa H, Ikeda S: Suction blister grafting with CO(2) laser resurfacing of the graft recipient site for vitiligo. **J Dermatol.**;34(7):490-2, 2007
- 132) Haruna K, Suga Y, Mizuno Y,

- Kourou K, Muramatsu S, Hasegawa T, Inoue A, Ogawa H, Ikeda S, Lakhmiri M, Seto A: A Moroccan patient with Sjogren-Larsson syndrome. **J Dermatol.**;34(2):153-5. 2007.
- 133) Kohroh K, Suga Y, Mizuno Y, Ishii N, Hashimoto T, Ikeda S: Case of localized bullous pemphigoid with unique clinical manifestations in the lower legs. **J Dermatol.**;34(7):482-5, 2007.
- 134) Kakurai M, Demitsu T, Azuma R, Yamada T, Suzuki M, Yoneda K, Ishii N and Hashimoto T: Localized pemphigoid (pretibial type) with IgG antibody to BP180 NC16a domain successfully treated with minocycline and topical corticosteroid. **Clin Exp Dermatol** 32: 759-761, 2007
- 135) Yoneda K, Yokoi I, Demitsu T, Matsuda Y, Matsuoka Y, Miyamoto I, Moriue T, Nakai K, Nibu N, Hashimoto T and Kubota Y: Linear IgA bullous disease showing insect bite-like eruption. **Eur J Dermatol** 17: 340-341, 2007
- 136) Takagi A, Nishiyama C, Maeda K, Tokura T, Kawada H, Kanada S, Niwa Y, Nakano N, Mayuzumi N, Nishiyama M, Ikeda S, Okumura K, Ogawa H: Role of Sp1 in Transcription of Human ATP2A2 Gene in Keratinocytes. **J Invest Dermatol.** 2007, Jun 28 [Epub ahead of print]
2. 学会発表
1. Hata, T., Nishifuji, K., Shimoda, K., Yamada, T., Nishikawa, T., and Amagai, M. 2005. 5. 4-7. Dsg1 transgenic rescue of loss of cell adhesion in Dsg3 deficient mice. In *The 66th Annual Meeting of the Society for Investigative Dermatology*. St. Louis, Missouri, USA.
2. Ota, T., Aoki-Ota, M., Tsunoda, K., Nishikawa, T., Koyasu, S., and Amagai, M. 2005. 5. 4-7. Danger signal by pathogenic IgG eliminates autoreactive B cells against desmoglein 3. In *The 66th Annual Meeting of the Society for Investigative Dermatology*. St. Louis, Missouri, USA.
3. Yamamoto, Y., Aoyama, Y., Tsunoda, K., Amagai, M., and Kitajima, Y. 2005. 5. 4-7. Anti-desmoglein 3 (Dsg3) monoclonal antibodies deplete Dsg3 from desmosomes in cultured keratinocytes and their activities differ in sites of epitopes. In *The 66th Annual Meeting of the Society for Investigative Dermatology*. St. Louis, Missouri, USA.
4. Takahashi, H., Amagai, M., Nishikawa, T., Kawakami, Y., and Kuwana, M. 2006. 5. 3-6. Characterization of desmoglein 3-reactive helper T cells involved in pathogenic IgG production in a mouse model for pemphigus vulgaris. In *The 67th Annual Meeting of the Society for Investigative Dermatology*. Philadelphia, PA, U.S.A.
- Yokoyama, T., Matsuda, S., Takae, Y., Amagai, M., and Koyasu, S. 2007. 7. 9-12. Suppressing effects of CD4⁺ CD25⁺ regulatory T cells on

the development of phenotypes in a mouse model of pemphigus vulgaris. In 13th International Congress of Mucosal Immunology. Tokyo, Japan

H. 知的所有権の出願・取得状況（予定を含む）

1. 特許

- A) 特願2005-188948 「皮膚再生用の細胞シートを作製するための構造体およびその利用」、発明者：ジェイムズ ロバート マクミラン、田中賢、山本貞明、清水宏、下村政嗣
- B) 特願2005-325275 「180kD 類天疱瘡抗原欠損ノックアウトマウス」発明者：澤村大輔、清水宏
- C) 特願2006-019199 「角化異常症の診断支援方法」発明者：中川裕章、秋山真志、清水宏、西村紳一郎、近藤裕郷
- D) 特願2007-73696 「ポリペプチドを有効成分とする自己免疫疾患性皮膚疾患治療薬」発明者：清水宏、芝木晃彦、王剛
- E) 特願2007-73693 「ポリペプチドを有効成分とする自己免疫疾患性皮膚疾患治療薬」発明者：清水宏、澤村大輔、西江渉

F) 特願2007-202319 「XVII型コラーゲンに関する異所分化抑制剤」発明者：清水宏、西江渉、谷村心太郎、西村栄美、田所優子、澤村大輔

G) 特願2007-218702 「XVII型コラーゲンに関する脱毛抑制剤及び毛髪の脱色素化抑制剤」発明者：清水宏、西江渉、谷村心太郎、西村栄美、澤村大輔

H) (特許第3942362号)

遺伝子導入のためのウイルスエンベロープベクター

成立日：2007年7月11日

発明者：金田安史

出願人：アンジェスエムジー株式会社

2. 実用新案登録

改変パラミクソウイルス及びその作製法 (WO2007/061141)

出願日：2007年5月31日

発明者：河地正子、佐賀公太郎、玉井克人、金田安史

出願人：ジェノメディア株式会社、国立大学法人大阪大

3. その他、なし

Ⅲ 研究成果の刊行に関する一覧表

1. 雑誌

著者名	論文題目	雑誌名	巻：頁、西暦年号
Shu E, Yamamoto Y, Sato-Nagai M, <u>Aoyama Y, Kitajima Y</u> .	Pemphigus vulgaris-IgG reduces the desmogleins 3/desmocollins 3 ratio on the cell surface in cultured keratinocytes as revealed by double-staining immuno electron microscopy.	J Dermatol Sci	40: 209-211,2005
北島康雄.	尋常性天疱瘡の棘融解はなぜおこる？	マルホ皮膚科セミナー放送内容集	174：8-13, 2005
北島 康雄、青山 裕美	表皮の構造と機能	Visual Veterinary Dermatology	6: 2006、印刷中
Raap U, Volker B, Petering H, Hashimoto T, Zillikens D, Kapp A, Werfel T	Successful treatment of subcorneal pustular type of IgA pemphigus.	Hautarzt.	56(1):66-70,2005 (German)
Seishima M, Oda M, Oyama Z, Yoshimura T, Yamazaki F, Aoki T, Nei M, <u>Hashimoto T</u> :	Antibody titers to desmogleins 1 and 3 in a patient with paraneoplastic pemphigus associated with follicular dendritic cell sarcoma.	Arch Dermatol	140(12):1500-1503,2004
Ono F, Kumano K, Terahara K, Yasumoto S, <u>Hashimoto T</u> , Shoji S	A case of pustular psoriasis associated with drug-induced adrenal cortical hypofunction.	Proceedings for the 19th Annual Meeting for the Japanese Society for Psoriasis Research, Yamagata, Japan,	pp62-63, 2004
Takahashi Y, Rouan F, Uitto J, Ishida-Yamamoto A, Iizuka H, Owaribe K, Tanigawa M, Ishii N, Yasumoto S, <u>Hashimoto T</u>	Plectin deficient epidermolysis bullosa simplex with 27-year-history of muscular dystrophy.	J Dermatol Sci.	37(2):87-93,2005
Duhieu S, Laperdrix C, <u>Hashimoto T</u> , LeBitoux M-A, Haftek M:	Desmosome-binding antibody KM48 recognises an extracellular antigen different from desmosomal cadherins Dsg 1-3 and Dsc 1-3.	Eur J Dermatol.	15(2):80-84,2005
Hamada T, <u>Hashimoto T</u> :	A Japanese case of dermatitis herpetiformis with facial and palmar lesions.	Arch Dermatol Res	30(3):298-300,2005
Hamada T, Kawano Y, Szczecinska W, Wozniak K, Yasumoto S, Kowalewski C, <u>Hashimoto T</u> :	Novel keratin 5 and 14 gene mutations in patients with epidermolysis bullosa simplex from Poland.	Arch Dermatol Res	296:577-579,2005
Tashiro H, Arai H, <u>Hashimoto T</u> , Takezaki S, Kawana S,	Pemphigoid nodularis: two case studies and analysis of Cicatricial pemphigoid with autoantibodies against the laminin 5 gamma 2 subunit.	J Nippon Med Sch	72(1):60-65,2005
Dainichi T, Takeshita H, Moroi Y, Urabe K, Yoshida M, Hisamatsu Y, Komai A, Duan H, Koga T, <u>Hashimoto T</u> , Furue M	Cicatricial pemphigoid with autoantibodies against the laminin 5 gamma 2 subunit.	Eur J Dermatol	15(3):189-193,2005
Hamada T, Ishii N, Karashima T, Kawano Y, Yasumoto S, <u>Hashimoto T</u>	The common KRT9 gene mutation I a Japanese patient with epidermolytic palmoplantar keratoderma and knuckle pad-like keratoses,	J Dermatol	32(6):500-502,2005
Shinojima Y, Ochiai T, Kawamura A, Arakawa H, Fukuda K, <u>Hashimoto T</u>	A case of bullous pemphigoid associated with autoantibodies targeting antigenic sites other than the NC16a domain of BP180.	Clin Exp Dermatol	30(5):503-505,2005
Bruckner AL, Fitzpatrick JE, <u>Hashimoto T</u> , Weston WL, Morelli JG	Atypical IgA/IgG Pemphigus Involving the Skin, Oral Mucosa, and Colon in a Child: A Novel Variant of IgA Pemphigus?	Pediatr Dermatol	22(4):321-327,2005
Osawa M, Demitsu T, Toda S, Yokokura H, Umemoto N, Yamada T, Yoneda K, Kakurai M, Yoshida M, <u>Hashimoto T</u>	A Case of Mixed Bullous Disease of Epidermolysis bullosa acquisita and Linear IgA Bullous Dermatitis.	Dermatology	211(2):146-148, 2005

Katagata Y, Takahashi M, Horiuchi Y, Takeda H, Kondo S, Tezuka T, Hashimoto T	Immunoelectron microscopy of keratin filaments in cultured malignant melanomas and squamous cell carcinomas.	Yamagata Med J	23(2):117-124,2005
Kurokawa M, Koketsu H, Oda Y, Nagamine H, Toyama T, Hashimoto T, Setoyama M	A case of pemphigus vulgaris accompanied by multiple myeloma.	Int J Dermatol	44(10):873-875,2005
Motegi S, Abe M, Tamura A, Ishii N, Hashimoto T, Ishikawa O.	Childhood bullous pemphigoid successfully treated with diaminodiphenyl sulfone.	J Dermatol	32(10):809-812,2005
Morizane S, Yamamoto T, Hisamatsu Y, Tsuji K, Oono T, Hashimoto T, Iwatsuki K:	Pemphigus vegetans with IgG and IgA antidesmoglein 3 antibodies.	Br J Dermatol	153(6):1236-1237,2005
Nakama T, Natsuaki Y, Hamda T, Kurose K, Karashima T, Yasumoto S, Hashimoto T	Presentation of four cases of effective use of Fibrast spray and of one cautionary case.	The proceedings of the Scientific Session of the 2 nd Meeting of Fibroblast Growth Factor (FGF) Research Group in Fukuoka, Medical Consultation and New Remedies (Shinryo to hinyaku)	13(4):233
Marinovic B, Bukvic M, Z, Basta-Juzbasic A, Lakos Jukic I, Loncaric D, Hashimoto T, Pasic A	Atypical clinical appearance of pemphigus vulgaris on the face: case report.	Acta Dermatovenerol Croat	13(4):233
Yoshida M, Hamada T, Amagai M, Hashimoto K, Uehara R, Yamaguchi K, Imamura K, Okamoto E, Yasumoto S, Hashimoto T	Enzyme-linked immunosorbent assay using bacterial recombinant proteins of human BP230 as a diagnostic tool for bullous pemphigoid.	J Dermatol Sci	41(1):21-30,2006
河瀬 歩、相馬良直、山前恵美子、溝口昌子、橋本隆	Clinicolor: Linear Epidermolytic hyperkeratosisの1例	皮膚臨床	47(2):145-146,2005
舩 明子、笹井 収、菊池克子、相場節也、駒井礼子、橋本 隆	ステロイドを含む多剤併用療法に反応した癩痕性類天疱瘡の1例	臨皮	59(2):132-134,2005
幸島正志、橋本 隆	BPAG1(BP230)と中間径線維との細胞生物学的相互作用の検討、	第19回角化症研究会記録集 (2004年8月7日開催、東京商工会議所)	pp. 28-31, 2005
石井文人、濱田尚宏、安元慎一郎、橋本 隆	水疱型先天性魚鱗癬様紅皮症の1例、	第19回角化症研究会記録集 (2004年8月7日開催、東京商工会議所)	pp. 70-72, 2005
橋本 隆	水疱性類天疱瘡におけるBP180 ELISA値	臨皮	59(5増):62-65,2005
熊野仁子、石井文人、三原典、濱田尚宏、前山泰彦、安元慎一郎、橋本 隆	腫瘍随伴性天疱瘡—胸腺腫を合併し軽症に経過した症例、	皮膚病診療、	27(6):667-670,2005
橋本 隆	アンケート・聞き慣れない病名。intercellular IgA vesiculopustular dermatosis (IAVPD)	皮膚病診療	27(増刊号):144,2005
渡邊理枝、山本真里、北見周、末木博、飯島正文、駒井礼子、橋本 隆	Linear IgA bullous dermatosis (lamina lucida型)の1例—治療に関する考察を加えて—	西目皮膚、	67(4):334-336,2005
越後岳士、大石直人、白崎文朗、稲沖 真、佐藤伸一、竹原和彦、長谷川洋一、橋本 隆	高齢者に発症した抗p200類天疱瘡の1例	皮臨	59:1076-1079,2005

川崎 奏、小原 理、河陽子、大岡志穂、山前恵美子、松永るり、保坂恵理、相馬良直、橋本 隆、溝口昌子	後天性表皮水疱症の1例	皮膚臨床	47(13):1849-1852,2005
石井文人、橋本 隆	尋常性天疱瘡患者におけるプレドニゾンとミゾリピン併用療法の治療経験	西日皮膚	67(6):624-628,2005
Aisa Y, Mori T, Nakazato T, Yamazaki R, Yamagami J, <u>Amagai M</u> , Ikeda Y, Okamoto S	Cicatricial pemphigoid of the oropharynx after allogeneic stem cell transplantation for relapsed follicular lymphoma	International Journal of Hematology	82(3):266-269, 2005
Aoki-Ota M, Kinoshita M, Ota T, Tsunoda K, Iwasaki T, Tanaka S, Koyasu S, Nishikawa T, <u>Amagai M</u>	Tolerance Induction by the Blockade of CD40/CD154 Interaction in Pemphigus Vulgaris Mouse Model	Journal of Investigative Dermatology	126(1): 105-113, 2006
Fudaba Y, Nishifuji K, Andresenc L O, Yamaguchia T, Komatsuzawa H, <u>Amagai M</u> , Sugai M	<i>Staphylococcus hyicus</i> exfoliative toxins selectively digest porcine desmoglein 1	Microbial Pathogenesis	39(5): 171-176, 2005
Ishii K, Harada R, Matsuo I, Shirakata Y, <u>Hashimoto K</u> , <u>Amagai M</u>	<i>In vitro</i> keratinocyte dissociation assay for evaluation of the pathogenicity of anti-desmoglein 3 IgG autoantibodies in pemphigus vulgaris	J Invest Dermatol	124(5): 939-946, 2005
Payne A S, Ishii K, Kacir S, Lin C, Li H, Hanakawa Y, Tsunoda K, <u>Amagai M</u> , Stanley J R, Siegel D L	Genetic and functional characterization of human pemphigus vulgaris monoclonal autoantibodies isolated by phage display	J Clin Invest	115(4): 888-899, 2005
Shimizu A, Ishiko A, Ota T, Saito H, Oka H, Tsunoda K, <u>Amagai M</u> , Nishikawa T	<i>In vivo</i> ultrastructural localization of the desmoglein 3 adhesive interface to the desmosome mid-line.	J Invest Dermatol	124(5): 984-989, 2005
Yamasaki O, Kaneko J, Morizane S, Akiyama H, Arata J, Narita S, Chiba J, Kamio Y and <u>Iwatsuki K</u>	The association between <i>Staphylococcus aureus</i> strains carrying Panton-Valentine leukocidin genes and the development of deep-seated follicular infection.	Clin Infect Dis	40 : 381-385, 2005.
Fujii K, Tsuji K, Matsuura H, Okazaki F, Takahashi S, Arata J and <u>Iwatsuki K</u>	Effect of formaldehyde gas exposure in a murine allergic contact hypersensitivity model.	Immunopharmacology and Immunotoxicology	27 : 163-175, 2005.
Fujii K, Kondo T, Yokoo H, Yamada T, <u>Iwatsuki K</u> and Hirohashi S	Proteomic study of human hepatocellular carcinoma using two-dimensional difference gel electrophoresis with saturation cysteine dye.	Proteomics	5 : 1411-1422, 2005.
Morizane S, Suzuki D, Tsuji K, Oono T and <u>Iwatsuki K</u>	The role of CD4 and CD8 cytotoxic T lymphocytes in the formation of viral vesicles.	Br J Dermatol	153 : 981-986, 2005.
Nasimuzzaman Md, Kuroda M, Dohno S, Yamamoto T, <u>Iwatsuki K</u> , Matsuzaki S, Mohammad R, Kumita W, Mizuguchi H, Hayakawa T, Nakamura H, Taguchi T, Wakiguchi H and Imai S	Eradication of Epstein-Barr virus episome and associated inhibition of infected tumor cell growth by adenovirus vector-mediated transduction of dominant-negative EBNA1.	Mol Ther	11 : 578, 2005.
Oshimi K, Kawa K, Nakamura S, Suzuki R, Suzumiya J, Yamaguchi M, Kameoka J, Tagawa S, Imamura N, Ohshima K, Koja S, <u>Iwatsuki K</u> , Tokura Y, Sato E and Sugimori H	NK-cell neoplasms in Japan.	Hematology	10 : 237-245, 2005.
Tsuji k, Suzuki D, Naito Y, Sato Y, Yoshino T and <u>Iwatsuki K</u>	Primary cutaneous marginal zone B-cell lymphoma.	Eur J Dermatol	15 : 480-483, 2005.
Yamasaki O, Morizane S, Akiyama H, <u>Iwatsuki K</u> , Kaneko J and Kamio Y	Tendon destruction induced by Panton-Valentine leukocidin-positive <i>Staphylococcus aureus</i> in a patient with Sézary syndrome.	Br J Dermatol	152 : 586-587, 2005.
Yamamoto T, Fujii K, Tsuji T, Akazai A, Oda M, Imai S and <u>Iwatsuki K</u>	Characterization of Epstein-Barr virus-infected natural killer lymphocytes in a patient with hypersensitivity to mosquito bites.	J Am Acad Dermatol	53 : 912-914, 2005.

Morizane S, Yamamoto T, Hisamatsu Y, Tsuji K, Oono T, Hashimoto T and <u>Iwatsuki K</u>	Pemphigus vegetans with IgG and IgA antidesmoglein 3 antibodies.	Br J Dermatol	153 : 1236-1237, 2005.
Fujimoto W, Hamada T, Yamada J, Matsuura H and <u>Iwatsuki K</u>	Bullous systemic lupus erythematosus as an initial manifestation of SLE.	J Dermatol	32 : 1021-1027, 2005.
Nitta Y, <u>Iwatsuki K</u> , Kimura H, Kojima S, Morishima T, Tsuji K and Oono T	Fatal natural killer cell lymphoma arising in a patient with a crop of Epstein-Barr virus -associated disorders.	Eur J Dermatol	15 : 503-506, 2005
Pimpinelli N, Olsen EA, Santucci M, Vonderheid E, Haeflner AC, Stevens S, Burg G, Cerroni L, Dreno B, Glusac E, Guitart J, Heald PW, Kempf W, Knobler R, Lessin S, Sander C, Smoller BS, Telang G, Whittaker S, <u>Iwatsuki K</u> , Obitz E, Takigawa M, Turner ML and Wood GS	Defining early mycosis fungoides.	J Am Acad Dermatol	53 : 1053-1063, 2005.
荒田次郎、清水 宏、渡辺晋一、宮地良樹、 <u>岩月啓氏</u> 、古江増隆、小野 真、佐藤智秀、岩崎 甫。	皮膚科領域感染症に対するtelithromycinの臨床評価-cefdinirを対照薬とした第Ⅲ相二重盲検比較試験。	日本化学療法学会雑誌	53 : 183-205, 2005
荒田次郎、清水 宏、渡辺晋一、宮地良樹、 <u>岩月啓氏</u> 、古江増隆、小野 真、佐藤智秀、岩崎 甫。	皮膚科領域感染症患者におけるtelithromycinの有効性、安全性および体内動態。	日本化学療法学会雑誌	53 : 207-224, 2005
瀧川雅弘、川島 真、古江増隆、飯塚 一、伊藤雅章、中川秀己、塩原哲夫、島田真路、竹原和彦、宮地良樹、片山一朗、古川福実、 <u>岩月啓氏</u> 、橋本公二。	小児アトピー性皮膚炎患者保護者アンケート調査。	臨床皮膚科	59 : 323-329, 2005
大野貴司、松浦浩徳、浅越健治、山崎 修、 <u>岩月啓氏</u> 。	エトレチナート内服治療中乾癬患者でのステロイド軟膏単独外用治療と活性型ビタミンD ₃ 軟膏併用外用療法の効果について。	新薬と臨床	54 : 563-567, 2005
松浦浩徳、田端雅弘、 <u>岩月啓氏</u> 。	上皮成長因子受容体チロシンキナーゼ阻害剤 (Gefitinib) による皮膚症状。	アレルギーの臨床	25 : 152-155, 2005
辻 和英、 <u>岩月啓氏</u> 。	種痘様水疱症。	Visual Dermatology	4 : 910-911, 2005
濱田利久、浅越健治、郷原亜以子、森實 真、 <u>岩月啓氏</u> 、高村志保、片山治子。	ステロイド内服療法が奏効した後頭部懸垂性痔状血管腫の1例。	皮膚科の臨床	47 : 1119-1122, 2005
森實 真、山崎 修、辻和英、浅越健治、 <u>岩月啓氏</u> 。	血管腫を疑ったaneurysmal fibrous histiocytomaの2例。	日本皮膚外科学会	9 : 30-31, 2005
<u>岩月啓氏</u> 。	皮膚T細胞リンパ腫。	医学のあゆみ	212 : 485-490, 2005
<u>岩月啓氏</u> 。	#NAME?	Medical Tribune	38 : 37, 2005
<u>岩月啓氏</u> 。	実践皮膚病変のみかた-皮膚の感染症-。	日本医師会雑誌	134 : S286, 2005
<u>岩月啓氏</u> 。	皮膚NK/T細胞リンパ腫 (1) -菌状息肉症・Sézary症候群とEBウイルス関連NK/T細胞リンパ腫-。	日本皮膚科学会雑誌	115 : 2163-2171, 2005
<u>岩月啓氏</u> 、大野貴司、松浦浩徳。	血液内科以外でみつかると悪性リンパ腫-皮膚-。	内科	96 : 299-303, 2005
<u>岩月啓氏</u> 、大野貴司、山崎修、秋山尚範。	アトピー性皮膚炎における皮膚細菌叢の推移と治療効果。	皮膚の科学	4 増5 : 94-98, 2005
<u>岩月啓氏</u> 、山本剛伸、鈴木 大介、辻 和英。	蚊刺過敏症の謎。	日本小児皮膚科学会雑誌	24 : 103-108, 2005
<u>岩月啓氏</u> 、高橋祥子、藤井一恭、辻 和英。	住環境と皮膚症状-いわゆるシックハウス症候群をどう考えるか-。	皮膚と美容	37 : 18-24, 2005
山本剛伸、 <u>岩月啓氏</u> 。	種痘様水疱症。	MB Derma	96 : 40-45, 2005
Kagami S, Saeki H, <u>Komine M</u> , Kakinuma T, Nakamura K, Tsunemi Y, Sasaki K, Asahina A, Tamaki K.	CCL28 production in HaCaT cells was mediated by different signal pathways from CCL27.	Exp Dermatol	15: 95-100, 2006

Shimazu K, Tsunemi Y, Hattori N, Adachi M, Imakado S, Saeki H, <u>Komine M</u> , Tamaki K.	Diagnosis of epidermolytic palmoplantar keratoderma in a very early stage by gene analysis.	J Dermatol	32: 859-861, 2005
<u>Komine M</u> , Kakinuma T, Kagami S, Hanakawa Y, Hashimoto K, Tamaki K.	Mechanism of thymus and activation-regulated chemokine (TARC)/CCL17 production and its modulation by roxithromycin.	J Invest Dermatol	125: 491-498, 2005
<u>Komine M</u> , Tamaki K.	Kimura's disease with prolonged history and prominent vascular involvement.	Acta Dermatovenereol	85: 360-362, 2005
Kagami S, Saeki H, <u>Komine M</u> , Kakinuma T, Tsunemi Y, Nakamura K, Sasaki K, Asahina A, Tamaki K.	Interleukin-4 and interleukin-13 enhance CCL26 production in a human keratinocyte cell line, HaCaT cells.	Clin Exp Immunol	141: 459-466, 2005
Iizuka Y, Yokomizo T, Terawaki K, <u>Komine M</u> , Tamaki K, Shimizu T.	Characterization of a mouse second leukotriene B4 receptor, mBLT2.	J Biol Chem	280: 24816-24823, 2005
Kagami S, Kakinuma T, Saeki H, Tsunemi Y, Fujita H, Sasaki K, Nakamura K, Takekoshi T, Kishimoto M, Mitsui H, <u>Komine M</u> , Asahina A, Tamaki K.	Increased serum CCL28 levels in patients with atopic dermatitis, psoriasis vulgaris and bullous pemphigoid.	J Invest Dermatol	124: 1088-90, 2005.
Mitsui H, Watanabe T, <u>Komine M</u> , Nakamura H, Shimizu H, Tamaki K.	Focal palmoplantar callosities in non-Herlitz junctional epidermolysis bullosa.	J Am Acad Dermatol	52: 371-373, 2005
飯塚佳子, 横溝岳彦, 小宮根真弓, 玉置邦彦, 清水孝雄	マウスロイコトリエンB4第二受容体(BLT2)の機能解析	脂質生化学研究	47巻 212-214, 2005.05
竹腰知紀, 鹿田純一郎, レバウ・アンドレ, 出月健夫, 藤本学, 尹浩信, 小宮根真弓, 川端康浩, 朝比奈昭彦, 玉置邦彦, 多久嶋亮彦	Interventional Radiologyに伴う放射線皮膚障害の4例	皮膚科の臨床	47巻4号 : 521-524, 2005
小宮根真弓, 矢野正一郎, 大河内仁志, 玉置邦彦, Blumenberg M.	表皮細胞における伸展刺激の影響	炎症・再生	25巻3号 : 186-191, 2005.
Yasukawa K, Sawamura D, Goto M, Nakamura H, Jung SY, Kim SC, <u>Shimizu H</u>	Epidermolysis bullosa simplex in orientals: genetic studies in 19 cases.	Br J Dermatol	in press.
McMillan JR, Akiyama M, Nakamura H, <u>Shimizu H</u>	Colocalization of Multiple Laminin Isoforms Predominantly beneath Hemidesmosomes in the Upper Lamina Densa of the Epidermal Basement Membrane.	J Histochem Cytochem.	54:109-118, 2006.
Akiyama M, Sugiyama-Nakagiri Y, Sakai K, McMillan JR, Goto M, Arita K, Tsuji-Abe Y, Tabata N, Matsuoka K, Sasaki R, Sawamura D, <u>Shimizu H</u>	Mutations in lipid transporter ABCA12 in harlequin ichthyosis and functional recovery by corrective gene transfer.	J Clin Invest	115:1777-1784, 2005.
Akiyama M, Tsuji-Abe Y, Yanagihara M, Nakajima K, Kodama H, Yaosaka M, Abe M, Sawamura D, <u>Shimizu H</u>	Ichthyosis bullosa of Siemens: its correct diagnosis facilitated by molecular genetic testing.	Br J Dermatol	152:1353-1356, 2005.
Horiguchi Y, Sawamura D, Mori R, Nakamura H, Takahashi K, <u>Shimizu H</u>	Clinical heterogeneity of 1649delG mutation in the tail domain of keratin 5: a Japanese family with epidermolysis bullosa simplex with mottled pigmentation.	J Invest Dermatol	125:83-85, 2005.
Kawasaki H, Sawamura D, Nakazawa H, Hattori N, Goto M, Sato-Matsumura KC, Akiyama M, <u>Shimizu H</u>	Detection of 1733insC mutations in an Asian family with Birt-Hogg-Dube syndrome.	Br J Dermatol	152:142-145, 2005.
Kawashima J, Akiyama M, Takizawa Y, Takahashi S, Matsuo I, <u>Shimizu H</u>	Structural, enzymatic and molecular studies in a series of nonbullous congenital ichthyosiform erythroderma patients.	Clin Exp Dermatol	30:429-431, 2005.
Nakamura H, Sawamura D, Goto M, McMillan JR, Park S, Kono S, Hasegawa S, Paku S, Nakamura T, Ogiso Y, <u>Shimizu H</u>	Epidermolysis bullosa simplex associated with pyloric atresia is a novel clinical subtype caused by mutations in the plectin gene (PLEC1).	J Mol Diagn	7:28-35, 2005.

Natsuga K, Akiyama M, Sato-Matsumura K, Tsuchiya K, Shimizu H	Two cases of atypical melanocytic lesions in recessive dystrophic epidermolysis bullosa infants.	Clin Exp Dermatol	30:636-639, 2005.
Sawamura D, Abe R, Goto M, Akiyama M, Hemmi H, Akira S, Shimizu H	Direct injection of plasmid DNA into the skin induces dermatitis by activation of monocytes through toll-like receptor	J Gene Med	7:664-671, 2005.
Sawamura D, Goto M, Shibaki A, Akiyama M, McMillan JR, Abiko Y, Shimizu H	Beta defensin-3 engineered epidermis shows highly protective effect for bacterial infection.	Gene Ther	12:857-861, 2005.
Sawamura D, Goto M, Yasukawa K, Sato-Matsumura K, Nakamura H, Ito K, Tomita Y, Shimizu H	Genetic studies of 20 Japanese families of dystrophic epidermolysis bullosa.	J Hum Genet	28:28, 2005.
Shimizu A, Akiyama M, Ishiko A, Yoshiike T, Suzumori K, Shimizu H	Prenatal exclusion of harlequin ichthyosis; potential pitfalls in the timing of the fetal skin biopsy.	Br J Dermatol	153:811-814, 2005.
Suzuki N, Suzuki T, Inagaki K, Ito S, Kono M, Fukai K, Takama H, Sato K, Ishikawa O, Abe M, Shimizu H, Kawai M, Horikawa T, Yoshida K, Matsumoto K, Terui T, Tsujioka K, Tomita Y	Mutation analysis of the ADAR1 gene in dyschromatosis symmetrica hereditaria and genetic differentiation from both dyschromatosis universalis hereditaria and acropigmentatio reticularis.	J Invest Dermatol	124:1186-1192, 2005.
Tomita Y, Akiyama M, Shimizu H	Stratum corneum hydration and flexibility are useful parameters to indicate clinical severity of congenital ichthyosis.	Exp Dermatol	14:619-624, 2005.
Tsuji-Abe Y, Akiyama M, Yamanaka Y, Kikuchi T, Sato-Matsumura KC, Shimizu H	Correlation of clinical severity and ELISA indices for the NC16A domain of BP180 measured using BP180 ELISA kit in bullous pemphigoid.	J Dermatol Sci	37:145-149, 2005.
Yasukawa K, Sawamura D, Akiyama M, Motoda N, Shimizu H	Keratotic lesions in epidermolysis bullosa simplex with mottled pigmentation.	J Am Acad Dermatol	52:172-173, 2005.
Yang L, Yamasaki K, Shirakata Y, Dai X, Tokumaru S, Yahata Y, Tohyama M, Hanakawa Y, Sayama K, Hashimoto K.	Bone morphogenetic protein-2 modulates Wnt and frizzled expression and enhances the canonical pathway of Wnt signaling in normal keratinocytes.	J Dermatol Sci	in press
Gartsbein M, Alt A, Hashimoto K, Nakajima K, Kuroki T, Tennenbaum T.	The role of protein kinase C {delta} activation and STAT3 Ser727 phosphorylation in insulin-induced keratinocyte proliferation.	J Cell Sci.	in press
Komatsuzawa H, Ouhara K, Yamada S, Fujiwara T, Sayama K, Hashimoto K,	Innate defences against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) infection.	J Pathol.	208:249-60, 2006
Tokumaru S, Sayama K, Yamasaki K, Shirakata Y, Hanakawa Y, Yahata Y, Dai X, Tohyama M, Yang L, Yoshimura A, Hashimoto K.	SOCS3/CIS3 negative regulation of STAT3 in HGF-induced keratinocyte migration.	Biochem Biophys Res Commun.	327:100-5, 2005
Hanakawa Y, Shirakata Y, Nagai H, Yahata Y, Tokumaru S, Yamasaki K, Tohyama M, Sayama K, Hashimoto K.	Cre-loxP adenovirus-mediated foreign gene expression in skin-equivalent keratinocytes.	Br J Dermatol.	152:1391-2, 2005
Shirakata Y, Kimura R, Nanba D, Iwamoto R, Tokumaru S, Morimoto C, Yokota K, Nakamura M, Sayama K, Mekada E, Higashiyama S, and Hashimoto K	Heparin-binding EGF-like growth factor accelerates keratinocyte migration and skin wound healing.	J Cell Sci	118: 2363-2370, 2005
Sayama K, Komatsuzawa H, Yamasaki K, Shirakata Y, Hanakawa Y, Ouhara K, Tokumaru S, Dai X, Tohyama M, Ten Dijke P, Sugai M, Ichijo H, Hashimoto K	New mechanisms of skin innate immunity: ASK1-mediated keratinocyte differentiation regulates the expression of β -defensins, LL37, and TLR2.	Eur J Immun	35:1886-1895, 2005

Yang L, Shirakata Y, <u>Tamai K</u> , Dai X, Hanakawa Y, Tokumaru S, Yahata Y, Tohyama M, Shiraishi K, Nagai H, Wang X, Murakami S, Sayama K, <u>Kaneda Y</u> , Hashimoto K	Microbubble-enhanced ultrasound for gene transfer into living skin equivalents.	J Dermatol Sci.	40:105-114, 2005
Tohyama M, Dai X, Yamasaki K, Shirakata Y, Hanakawa Y, Tokumaru S, Yahata Y, Yang L, Nagai H, Takashima A, Hashimoto K	dsRNA-mediated innate immunity of epidermal keratinocytes.	Biochem Biophys Res Commun.	335:505-11, 2005
Tokumaru S, Sayama K, Shirakata Y, Komatsuzawa H, Ouhara K, Hanakawa Y, Yahata Y, Dai X, Tohyama M, Nagai H, Yang L, Higashiyama S, Yoshimura A, Sugai M, <u>Hashimoto K</u>	Induction of keratinocyte migration via transactivation of the EGF receptor by the antimicrobial peptide LL-37.	J Immunol.	175:4662-8, 2005
Sekiguchi A, Kashiwagi T, <u>Ishida-Yamamoto A</u> , Takahashi H, Hashimoto Y, Kimura H, Tohyama M, <u>Hashimoto K</u> , Iizuka H.	Drug-induced hypersensitivity syndrome due to mexiletine associated with human herpes virus 6 and cytomegalovirus reactivation.	J Dermatol	32:278-81, 2005
Shushakova N, Tkachuk N, Dangers M, Tkachuk S, Park JK, Zwirner J, <u>Hashimoto K</u> , Haller H, Dumler I	Urokinase-induced activation of the gp130/Tyk2/Stat3 pathway mediates a pro-inflammatory effect in human mesangial cells via expression of the anaphylatoxin C5a receptor.	J Cell Sci.	118:2743-53, 2005
Gu F, Hata R, Ma YJ, Tanaka J, Mitsuda N, Kumon Y, Hanakawa Y, <u>Hashimoto K</u> , Nakajima K, Sakanaka M	Suppression of Stat3 promotes neurogenesis in cultured neural stem cells.	J Neurosci Res.	81:163-71, 2005
Ouhara K, Komatsuzawa H, Yamada S, Shiba H, Fujiwara T, Ohara M, Sayama K, <u>Hashimoto K</u> , Kurihara H, Sugai M.	Susceptibilities of periodontopathogenic and cariogenic bacteria to antibacterial peptides, β -defensins and LL37, produced by human epithelial cells.	J Antimicrob Chemother.	55:888-96, 2005
<u>Kaneda Y</u> , Yamamoto S, Nakajima T.	Development of HVJ envelope vector and its application to gene therapy.	Adv Genet.	53:307-32, 2005
Humpl T, Zaidi SH, Coe JY, Russell J, <u>Kaneda Y</u> , Massaeli H, Benson LN, Rabinovitch M.	Gene transfer of prostaglandin synthase maintains patency of the newborn lamb arterial duct.	Pediatr Res.	58:976-80, 2005
Kim YD, Park KG, Morishita R, <u>Kaneda Y</u> , Kim SY, Song DK, Kim HS, Nam CW, Lee HC, Lee KU, Park JY, Kim BW, Kim JG, Lee IK.	Liver-directed gene therapy of diabetic rats using an HVJ-E vector containing EBV plasmids expressing insulin and GLUT 2 transporter.	Gene Ther.	13:216-24, 2006
Morishita N, Nakagami H, Morishita R, Takeda S, Mishima F, Terazono B, Nishijima S, <u>Kaneda Y</u> , Tanaka N.	Magnetic nanoparticles with surface modification enhanced gene delivery of HVJ-E vector.	Biochem Biophys Res Commun.	334:1121-6, 2005
Yamano T, <u>Kaneda Y</u> , Huang S, Hiramatsu SH, Hoon DS.	Enhancement of immunity by a DNA melanoma vaccine against TRP2 with CCL21 as an adjuvant.	Mol Ther.	13:194-202, 2006
Kimura T, Nakamura H, Koyama S, Ogita K, Tabata C, Tsutsui T, Shimoya K, Koyama M, <u>Kaneda Y</u> , Murata Y.	In vivo gene transfer into the mouse uterus: a powerful tool for investigating implantation physiology.	J Reprod Immunol.	67:13-20, 2005
Mima H, Tomoshige R, Kanamori T, Tabata Y, Yamamoto S, Ito S, <u>Tamai K</u> , <u>Kaneda Y</u> .	Biocompatible polymer enhances the in vitro and in vivo transfection efficiency of HVJ envelope vector.	J Gene Med.	7:888-97, 2005
Kawada H, et al	Transcriptional regulation of ATP2C1 gene by Sp1 and YY1.	J Invest Dermatol,	124: 1206-14, 2005
Inoue A, et al	Superficial Mucocels of the Soft Palate.	Dermatology,	210: 360-362, 2005

Kondo M, et al	A case of chromomycosis caused by <i>Fonsecaea pedrosoi</i> and a review of reported cases of dematiaceous fungal infection in Japan.	Mycoses,	48: 221-5, 2005
Chen X, et al	Synergistic effect of antibacterial agents human beta-defensins, cathelicidin LL-37 and lysozyme against <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> .	J Dermatol Sci.	40:123-32, 2005
Porgpermdée S, et al	Expression of SPCA1 (Hailey-Hailey disease gene product) in acantholytic dermatoses.	J Dermatol Sci.	40:137-40, 2005
Titapiwatanakun B, et al	SCCA2- transfected human keratinocytes show increased secretion of IL-1alpha and IL-6, but not of TNF-alpha.	Arch Dermatol Res.	8: 1-4, 2005
水野優起、ほか	ネザートン症候群の2小児例、	日皮会誌	115: 2259-2262, 2005.
Toulza E, Galliano MF, Jonca N, Gallinaro H, Mechin MC, Ishida-Yamamoto A, Serre G, Guerrin M	The human dermokine gene: description of novel isoforms with different tissue-specific expression and subcellular location.	J Invest Dermatol	126:503-6, 2006
Galliano MF, Toulza E, Gallinaro H, Jonca N, Ishida-Yamamoto A, Serre G, Guerrin M.	A novel protease inhibitor of the alpha 2 macroglobulin family expressed in the human epidermis.	J Biol Chem	2005 Nov 18; [Epub ahead of print]
Mechin MC, Enji M, Nachat R, Chavanas S, Charveron M, Ishida-Yamamoto A, Serre G, Takahara H, Simon M.	The peptidylarginine deiminases expressed in human epidermis differ in their substrate specificities and subcellular locations.	Cell Mol Life Sci	62:1984-95, 2005
Sprecher E, Ishida-Yamamoto A, Mizrahi-Koren M, Rapaport D, Goldsher D, Indelman M, Topaz O, Chefetz I, Keren H, O'Brien TJ, Bercovich D, Shalev S, Geiger D, Bergman R, Horowitz M, Mandel H.	A mutation in SNAP29, coding for a SNARE protein involved in intracellular trafficking, causes a novel neurocutaneous syndrome characterized by cerebral dysgenesis, neuropathy, ichthyosis, and palmoplantar keratoderma.	Am J Hum Genet	77:242-51, 2005
Ishida-Yamamoto A, Deraison C, Bonnart C, Bitoun E, Robinson R, O'Brien TJ, Wakamatsu K, Ohtsubo S, Takahashi H, Hashimoto Y, Dopping-Hepenstal PJ, McGrath JA, Iizuka H, Richard G, Hovnanian A.	LEKTI is localized in lamellar granules, separated from KLK5 and KLK7, and is secreted in the extracellular spaces of the superficial stratum granulosum.	J Invest Dermatol	124:360-6, 2005
Descargues P, Deraison C, Bonnart C, Kreft M, Kishibe M, Ishida-Yamamoto A, Elias P, Barrandon Y, Zambruno G, Sonnenberg A, Hovnanian A.	Spink5-deficient mice mimic Netherton syndrome through degradation of desmoglein 1 by epidermal protease hyperactivity.	Nat Genet	37:56-65, 2005
Ishida-Yamamoto A.	Immunoelectron microscopic analysis of cornified cell envelopes and antigen retrieval.	Methods Mol Biol	289:223-6, 2005
Sugiyama H, Gyulai R, Toichi E, Garaczi E, Shimada S, Stevens SR, McCormick TS, Cooper KD.	Dysfunctional blood and target tissue CD4 ⁺ CD25 ^{high} regulatory T cells in psoriasis: mechanism underlying unrestrained pathogenic effector T cell proliferation.	J Immunol	174: 164-173, 2005
Matsue H, Yao J, Matsue K, Nagasaka A, Sugiyama H, Aoki R, Kitamura M, Shimada S.	Gap junction-mediated intracellular communication between dendritic cells is required for effective activation of dendritic cells.	J Immunol	176: 181-190, 2006
Saito-Katsuragi M, Asada H, Yokoi S, Niizeki H, Miyagawa S	Ampicillin-induced cutaneous eruption associated with Epstein-Barr virus reactivation.	J Am Acad Dermatol	52 (Suppl 1): S127-8, 2005
Okazaki A, Asada H, Niizeki H, Nonomura A, Miyagawa S	Intravascular histiocytosis associated with rheumatoid arthritis: report of a case with lymphatic endothelial proliferation.	Br J Dermatol	152: 1385-7, 2005
Asada H, Saito-Katsuragi M, Niizeki H, Yoshioka A, Suguri S, Isonokami M, Aoki T, Ishihara S, Tokura Y, Iwatsuki K, Miyagawa S	Mosquito salivary gland extracts induce EBV-infected NK cell oncogenesis via CD4 T cells in patients with hypersensitivity to mosquito bites.	J Invest Dermatol	125: 956-61, 2005