

1. Ishiko A, Shimizu A, Nagata E, Ohta K, Tanaka M: Cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephaloapathy (CADASIL). *Am J Dermatopathol* 27 (2), 131–134, 2005.
2. Sitaru C, Miha S, Otto C, Chiriac M, Hausser I, Dotterweich B, Saito H, Rose C, Ishiko A, Zillikens D: Induction of dermal–epidermal separation in adult mice by passive transfer of antibodies to type VII collagen. *J Clin Invest* 115 (4), 825–828, 2005.
3. Payne AS, Ishii K, Kacir S, Lin C, Li H, Hanakawa Y, Tsunoda K, Amagai M, Stanley JR, Siegel DL: Genetic and functional characterization of human pemphigus vulgaris monoclonal autoantibodies isolated by phage display. *J Clin Invest* 115 (4), 888–899, 2005.
4. Nagao K, Sugita T, Ouchi T, Nishikawa T: Identification of *Trichophyton rubrum* by nested PCR analysis from paraffin embedded specimen in trichophytia profunda acuta of the glabrous skin. *Jpn J Med Mycol* 46 (2), 129–132, 2005.
5. Sato S, Hirakata M, Kuwana M, Suwa A, Inada S, Mimori T, Nishikawa T, Oddis CV, Ikeda Y: Autoantibodies to a 140-kd polypeptide, CADM-140, in Japanese patients with clinically amyopathic dermatomyositis. *Arthritis Rheum* 52 (5), 1571–1576, 2005.
6. Yoshida K, Takae Y, Saito H, Oka H, Tanikawa A, Amagai M, Nishikawa T: Cutaneous type pemphigus vulgaris: a rare clinical phenotype of pemphigus. *J Am Acad Dermatol* 52 (5), 839–845, 2005.
7. Ishii K, Harada R, Matsuo I, Shirakata Y, Hashimoto K, Amagai M: *In vitro* 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.
8. Shimizu A, Ishiko A, Ota T, Saito H, Oka H, Tsunoda K, Amagai M, Nishikawa T: *In vivo* ultrastructural localization of the desmoglein 3 adhesive interface to the desmosome mid-line. *J Invest Dermatol* 124 (5), 984–989, 2005.
9. Amagai M: Autoimmune blistering diseases. *Nippon Rinsho* 63 Suppl 5 540–546, 2005.
10. Suzuki H, Minegishi Y, Nomoto Y, Ota T, Masaoka T, van den Brink GR, Hibi T: Down-regulation of a morphogen (sonic hedgehog) gradient in the gastricepithelium of *Helicobacter pylori*-infected Mongolian gerbils. *J Pathol* 206 (2), 186–197, 2005.
11. Kawashima J, Akiyama M, Takizawa Y, Takahashi S, Matsuo I, Shimizu H: Structural, enzymatic and molecular studies in a series of nonbulloous congenital ichthyosiform erythroderma patients. *Clin Exp Dermatol* 30 (4), 429–431, 2005.
12. Ouchi T, Nagao K, Hata Y, Otuka T, Inazumi T: *Trichophyton tonsurans* infection manifesting as multiple concentric annular erythemas. *J Dermatol* 32 (7), 565–568, 2005.
13. Nagao K, Ota T, Tanikawa A, Takae Y, Mori T, Udagawa S, Nishikawa T: Genetic identification and detection of human pathogenic *Rhizopus* species, a major mucormycosis agent, by multiplex PCR based on internal transcribed spacer region of rRNA gene. *J Dermatol Sci* 39 (1), 23–31, 2005.
14. Fujimoto A, Nagao K, Tanaka K, Yamagami J, Udagawa S-I, Sugiura M: The first case of cutaneous mucormycosis caused by *Rhizopus azygosporus*. *Br J Dermatol* 153 (2), 428–430, 2005.

15. Oka H, Tanikawa A, Matsuda F, Tanaka M, Nishikawa T: Systemic sclerosis with unusual panniculitis and overlying discoid lupus erythematosus-like lesions. *J Dtsch Dermatol Ges* 3 (8), 627–629, 2005.
16. Ichikawa N, Kobayashi M, Kimoto M, Tanikawa A, Tanaka M: A case of multiple aneurysmal fibrous histiocytomas. *Br J Dermatol* 153 (3), 664–665, 2005.
17. Nishifumi K, Yoshida-Yamakita K, Iwasaki T: A canine pemphigus foliaceus case showing parallel relationship of disease activity and titer of serum anti-keratinocyte cell surface antibodies. *J Vet Med Sci* 67 (9), 943–945, 2005.
18. 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 (4), 811–814, 2005.
19. Aisa Y, Mori T, Nakazato T, Yamazaki R, Yamagami J, Amagai M, Ikeda Y, Okamoto S: Cicatricial pemphigoid of the oropharynx after allogeneic stem cell transplantation for relapsed follicular lymphoma. *Int J Hematol* 82 (3), 266–269, 2005.
20. Nishifumi K, Fudaba Y, Yamaguchi T, Iwasaki T, Sugai M, Amagai M: Cloning of swine desmoglein 1 and its direct proteolysis by *Staphylococcus hyicus* exfoliative toxins isolated from pigs with exudative epidermitis. *Vet Dermatol* 16 (5), 315–323, 2005.
21. Wakahara M, Kiyohara T, Kumakiri M, Ueda T, Ishiguro K, Fujita T, Amagai M, Hashimoto T: Paraneoplastic pemphigus with widespread mucosal involvement. *Acta Derm Venereol* 85 (6), 530–532, 2005.
22. Nishifumi K, Ueda Y, Sano A, Kadoya M, Kamei K, Sekiguchi M, Nishimura K, Iwasaki T: Interdigital involvement in a case of primary cutaneous canine histoplasmosis in Japan. *J Vet Med A Physiol Pathol Clin Med* 52 (9), 478–480, 2005.
23. Saito M, Fukuda T, Shiohara T, Homori M: Angioimmunoblastic T-cell lymphoma: a relatively common type of T-cell lymphoma in Sjogren's syndrome. *Clin Exp Rheumatol* 23 (6), 888–890, 2005.
24. Fudaba Y, Nishifumi K, Andresen LO, Yamaguchi T, Komatsuzawa H, Amagai M, Sugai M: *Staphylococcus hyicus* exfoliative toxins selectively digest porcine desmoglein 1. *Microb Pathog* 39 (5–6), 171–176, 2005.
25. Carlson JA, Ng BT, Chen KR: Cutaneous vasculitis update: diagnostic criteria, classification, epidemiology, etiology, pathogenesis, evaluation and prognosis. *Am J Dermatopathol* 27 (6), 504–528, 2005.
26. Dekio I, Hayashi H, Sakamoto M, Kitahara M, Nishikawa T, Suematsu M, Benno Y: Detection of potentially novel bacterial components of the human skin microbiota using culture-independent molecular profiling. *J Med Microbiol* 54 (12), 1231–1238, 2005.
27. Amagai M: Immunological tests: Anti desmoglein 1 and 3 antibody. *Nippon Rinsho* 63 Suppl 7 571–574, 2005.
28. Takahashi H, Tanaka M, Tanikawa A, Toyohara A, Ogo Y, Morimoto A, Harato R, Kobayashi M, Amagai M: A case of drug-induced hypersensitivity syndrome showing transient immunosuppression before viral reactivation during treatment for pemphigus foliaceus. *Clin Exp Dermatol* 31 (1), 33–35, 2006.
29. Saito M, Tanikawa A, Nakasute K, Tanaka M, Nishikawa T: Additive contribution of multiple factors in

- the development of pneumatoisis intestinalis: a case report and review of the literature. **Clin Rheumatol** 1–3, 2006.
30. Ohyama M, Terunuma A, Tock CL, Radonovich MF, Pise-Masison CA, Hopping SB, Brady JN, Udey MC, Vogel JC: Characterization and isolation of stem cell enriched human hair follicle bulge cells. **J Clin Invest** 116 (1), 249–260, 2006.
 31. 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.
 32. Aoki-Ota M, Kinoshita M, Ota T, Tsunoda K, Iwasaki T, Tanaka S, Koyasu S, Nishikawa T, Amagai M: Tolerance induction by the blockade of CD40/CD154 interaction in pemphigus vulgaris mouse model. **J Invest Dermatol** 126 (1), 105–113, 2006.
 33. Saito M, Boer A, Ishiko A, Nishikawa T: Atypical dermatitis herpetiformis: a Japanese case that presented with initial lesions mimicking prurigo pigmentosa. **Clin Exp Dermatol** 31 (2), 290–291, 2006.
 34. Calkins CC, Setzer SV, Jennings JM, Summers S, Tsunoda K, Amagai M, Kowalczyk AP: Desmoglein endocytosis and desmosome disassembly are coordinated responses to pemphigus autoantibodies. **J Biol Chem** 281 (11), 7623–7634, 2006.
 35. Nagao K, Chen KR: A case of lupus erythematosus/lichen planus overlap syndrome. **J Dermatol** 33 (3), 187–190, 2006.
 36. Dekio I, Anzai H, Ohyama M, Tanikawa A, Amagai M, Yokoyama K, Okamoto S, Tanaka M: Aleukaemic leukaemia cutis as an initial manifestation of myeloid/NK cell precursor acute leukaemia. **J Eur Acad Dermatol Venereol** 20 (4), 453–456, 2006.
 37. Iyatomi H, Oka H, Saito M, Miyake A, Kimoto M, Yamagami J, Kobayashi S, Tanikawa A, Hagiwara M, Ogawa K, Argenziano G, Soyer HP, Tanaka M: Quantitative assessment of tumour extraction from dermoscopy images and evaluation of computer-based extraction methods for an automatic melanoma diagnostic system. **Melanoma Res** 16 (2), 183–190, 2006.
 38. Heng A, Nwaneshiudu A, Hashimoto T, Amagai M, Stanley JR: Intraepidermal neutrophilic IgA/IgG antidesmocollin 1 pemphigus. **Br J Dermatol** 154 (5), 1018–1020, 2006.
 39. Fan Q, Yee CL, Ohyama M, Tock CL, Zhang G, Darling TN, Vogel JC: Bone marrow-derived keratinocytes are not detected in normal skin and only rarely detected in wounded skin in two different murine models. **Exp Hematol** 34 (5), 672–679, 2006.
 40. Anzai H, Stanley JR, Amagai M: Production of Low Titers of Anti-Desmoglein 1 IgG Autoantibodies in Some Patients with Staphylococcal Scalded Skin Syndrome. **J Invest Dermatol** 2006.
 41. Tsuji A, Ishiko A, Ikeda N: The structure of a variant allele which is considered to be 30.3 in the STR locus D21S11. **Leg Med (Tokyo)** 8 (3), 182–183, 2006.
 42. Nishifuji K, Amagai M: Loss of adhesive function of desmogleins in bullous diseases: pemphigus and impetigo. **Tanpakushitsu Kakusan Koso** 51 (6 Suppl), 796–802, 2006.
 43. Ishibashi M, Matsuda F, Oka H, Ishiko A: Abnormal lamellar granules in a case of CHILD syndrome. **J Cutan Pathol** 33 (6), 447–453, 2006.

44. Amagai M, Yoshida K, Takae Y, Saito H, Tanikawa A, Nishikawa T: Reply. *J Am Acad Dermatol* 55 (1), 176–177, 2006.
45. Kawasaki Y, Aoyama Y, Tsunoda K, Amagai M, Kitajima Y: Pathogenic monoclonal antibody against desmoglein 3 augments phosphorylation of desmoglein 3 and p38 MAP K in a human squamous carcinoma cell line. *Auto immunity* in press.