

- Ishioka S., Yamakido M. Inhibitory effects of a lecithinized superoxide dismutase on bleomycin-induced pulmonary fibrosis in mice. *Am. J. Resp. Crit. Care Med.*, in press.
- 143) Maeda H., Konishi F., Hiyama K., Ishioka S., Yamakido M. A family with cases of adult onset still's disease and psoriatic arthritis. *Intern Med* 39: 77-9, 2000.
- 144) Murakami I., Hiyama K., Ishioka S., Yamakido M., Kasagi F., Yokosaki Y. p53 Gene mutations are associated with shortened survival in patients with advanced non-small cell lung cancer: an analysis of medically managed patients. *Clin Cancer Res* 6: 526-30, 2000.
- 145) Yoshikawa M., Hiyama K., Ishioka S., Maeda H., Maeda A., Yamakido M. Microsomal epoxide hydrolase genotypes and chronic obstructive pulmonary disease in Japanese. *Int J Mol Med* 5: 49-53, 2000.
- 146) Haruta Y., Hiyama K., Ishioka S., Hozawa S., Maeda H., Yamakido M. Activation of telomerase is induced by a natural antigen in allergen-specific memory T lymphocytes in bronchial asthma. *Biochem Biophys Res Commun* 259: 617-23, 1999.
- 147) Ishioka S., Hiyama K., Sato H., Yamanishi Y., McLeod H. L., Kumagai K., Maeda H., Yamakido M. Thiopurine methyltransferase genotype and the toxicity of azathioprine in Japanese. *Intern Med* 38: 944-7, 1999.
- 148) Ishioka S., Maeda A., Hiyama K., Jougasaki Y., Yamakido M. Two asymptomatic cases with sarcoidosis demonstrated sequential evolution from radiographic stage I to III within five years. *Hiroshima J Med Sci* 48: 101-3, 1999.
- 149) Ishioka S., Nishisaka T., Maeda A., Hiyama K., Yamakido M. A case of group II non-specific interstitial pneumonia developed during corticosteroid therapy after acute respiratory distress syndrome. *Respirology* 4: 283-5, 1999.
- 150) Ishioka S., Wiwien H. W., Hiyama K., Maeda A., Yamakido M. New monoclonal antibodies against the epithelioid cells in sarcoid granulomas. *Exp Lung Res* 25: 663-70, 1999.
- 151) Ishioka S., Yamanishi Y., Hiyama K., Maeda A., Maeda H., Yamakido M. Sarcoidosis associated with connective tissue diseases: report of 3 cases. *Intern Med* 38: 984-7, 1999.
- 152) Konishi F., Maeda H., Yamanishi Y., Hiyama K., Ishioka S., Yamakido M. Transcriptionally targeted *in vivo* gene therapy for carcinoembryonic antigen-producing adenocarcinoma. *Hiroshima J Med Sci* 48: 79-89, 1999.
- 153) Maeda A., Ishioka S., Taooka Y., Hiyama K., Yamakido M. Expression of transforming growth factor-beta1 and tumour necrosis factor-alpha in bronchoalveolar lavage cells in murine pulmonary fibrosis after intraperitoneal administration of bleomycin. *Respirology* 4: 359-63, 1999.
- 154) Oshima M., Maeda A., Ishioka S., Hiyama K., Yamakido M. Expression of C-C chemokines in bronchoalveolar lavage cells from patients with granulomatous lung diseases. *Lung* 177: 229-40, 1999.
- 155) Sato H., Hiyama K., Ishioka S., Maeda H., Yamakido M. Alternative splicing, but not allelic loss, of the FHIT gene increases with development of lung cancer. *Int J Oncol* 15: 81-8, 1999.
- 156) Yamanishi Y., Hiyama K., Ishioka S., Maeda H., Yamanaka T., Kurose Y., Yamakido M. Telomerase activity in the synovial tissues of chronic inflammatory and non-inflammatory rheumatic diseases. *Int J Mol Med* 4: 513-7, 1999.
- 157) Yamanishi Y., Maeda H., Konishi F., Hiyama K., Yamana S., Ishioka S., Yamakido M. Dermatomyositis associated with rapidly progressive fatal interstitial pneumonitis and pneumomediastinum. *Scand J Rheumatol* 28: 58-61, 1999.
- 158) Ohtoshi T, Takizawa H, Okazaki H, Kawasaki S, Takeuchi N, Ohta K, Ito K: Diesel exhaust particles (DEP) stimulate airway epithelial cells to produce cytokines relevant to airway inflammation *in vitro*. *J Allergy Clin Immunol* in press 1998.
- 159) Ohta K, Nakano J, Nishizawa M, Kaneda M, Nakagome K, Makino K, Suzuki N, Nakajima M, Kawashima R, Mano K, Miyashita H: Suppressive effect of antisense DNA of platelet derived growth factor (PDGF) on murine pulmonary fibrosis with silica particles. *Chest* 111: 105s 1997.
- 160) Ohta K, Kubota S, Nakajima M, Sawamoto S, Miyasaka T, Nakajima Y, Sekine K, Sakamaki C, Nakano J, Mano K, Miyashita H: Phosphodiesterase (PDE) inhibitors can suppress prolonged survival of eosinophils with interleukin-5 (IL-5). *J Allergy Clin Immunol* 199 (1): s536 1997 .
- 161) Ohta K, Miyasaka T, Nakano J, Sekine K, Nakajima Y, Kubota S, Ishii A, Horiuchi T, Mano K, Miyashita H: Granulocyte-macrophage colony-stimulating factor (GM-CSF) is essential for enhancing airway responsiveness in mice by antigen sensitization. *Am J Respir Crit Care Med* 155 (4): A735 1997.
- 162) Ohta K, Nakagome K, Akiyama K, Sano Y, Matsumura

- Y, Kudo S, Yamada K, Mano K, Kabe J, Miyashita H: Aminophylline is effective on acute exacerbations of asthma in adults: Objective improvement in peak flow, spirogram, arterial blood gas measurements and lung sound. *Clin Exp Allergy* 26 (2): 32-37 1996.
- 163) Suzuki N, Ohta K, Horiuchi T, Takizawa H, Ishii A, Ueda T, Yamaguchi M, Kuwabara M, Shiga J, Ito K: T-lymphocytes and silica-induced pulmonary inflammation and fibrosis in mice. 1. Nude athymic mutants protect against fibrosis. *Thorax* 51 (10): 1036-1042, 1996.
- 164) Yamaguchi M, Hirai K, Ohta K, Suzuki K, Kitani S, Takaishi T, Ito K, Ra C, Morita Y: Nonreleasing basophils convert to releasing basophils by culturing with interleukin 3. *J Allergy Clin Immunol* 97 (6): 1279-1287, 1996.
- 165) Ohta K, Sawamoto S, Nakajima M, Kubota S, Tanaka Y, Miyasaka T, Nagai A, Hirai K, Mano K, Miyashita H: The prolonged survival of human eosinophils with interleukin-5 and its inhibition by theophyllin via apoptosis. *Clin Exp Allergy* 26 (2): 10-15, 1996.
- 166) Ohta K, Miyasaka T, Nishizawa M, Kubota S, Kuwabara M, Ito R, Ishii A, Horiuchi T, Mano K, Miyamoto T, Miyashita H: Granulocyte-macrophage colony-stimulating factor (GM-CSF) is essential for enhancing airway responsiveness in mice with the liquid transformation product (LTP) of NO<sub>2</sub>. *J Allergy Clin Immunol* 97: 282, 1996.
- 167) Ohta K, Nakagome K, Makino M, Nishizawa M, Nakano J, Ito R, Kuwabara M, Sawamoto S, Yamada K, Mano K, Miyashita H: Platelet derived growth factor (PDGF) is essential for developing pulmonary fibrosis in mice with silica particles. *Am J Respir Crit Med* 153 (4): A405, 1996.
- 168) Ohta K, Miyasaka T, Nakano J, Nishizawa M, Kubota S, Ishii A, Ohtoshi T, Horiuchi T, Mano K, Miyamoto T, Miyashita H: Granulocyte-macrophage colony-stimulating factor (GM-CSF) is essential for enhancing airway responsiveness in mice with diesel exhaust particulates (DEP). *Am J Respir Crit Care Med* 153 (4): A624, 1996.
- 169) Ohta K, Mortenson RL, Clark R A F, Hirose N, King TE: Immunohistochemical identification and characterization of smooth muscle-like cells in idiopathic pulmonary fibrosis. *Am J Respir Crit Med* 152: 1659-1665, 1995.
- 170) Yamaguchi M, Hirai K, Ohta K, Ito K, Morita Y: A beta2-agonist, procaterol, inhibits basophil migration. *J Asthma* 32 (2): 125-130, 1995.
- 171) Miyamasu M, Hirai K, Takahashi Y, Iida M, Yamaguchi M, Koshino T, Takaishi T, Morita Y, Ohta K, Kasahara T, Ito K: Chemotactic agonists induce cytokine generation in eosinophils. *J Immunol* 154: 1339-1349 1995.
- 172) Takaishi T, Morita Y, Hirai K, Yamaguchi M, Ohta K, Noda E, Morita T, Ito K, Miyamoto T: Effect of cytokines on mediator release from human dispersed lung mast cells. *Allergy* 49: 837-842, 1994.
- 173) Yamaguchi M, Hirai K, Nakajima K, Ohtoshi T, Takaishi T, Ohta K, Morita Y, Ito K: Dexamethasone inhibits basophil migration. *Allergy* 49: 371-375, 1994.
- 174) Ohta K, Sawamoto S, Nakajima M, Nagai A, Tanaka Y, Hirai K, Mano K, Miyashita H: Theophylline induces apoptosis in eosinophils surviving with interleukin-5 *in vitro*. *J Allergy Clin Immunol* 93 (1): 200, 1994.
- 175) Suzuki N, Horiuchi T, Ohta K, Yamaguchi M, Ueda T, Takizawa T, Hirai K, Shiga J, Ito K, Miyamoto T: Mast cells are essential for the full development of silica-induced pulmonary inflammation: A study with mast cell-deficient mice. *Am J Respir Cell Mol Biol* 9: 475-483, 1993.
- 176) Takizawa T, Ohtoshi T, Ohta K, Yamashita N, Hirohata S, Hirai K, Hiramatsu K, Ito K: Growth inhibition of human lung cancer cell lines by interleukin 6 *in vitro*: A possible role in tumor growth via an autocrine mechanism. *Cancer Reserch* 53: 4175-4181, 1993.
- 177) Ohta K, Takizawa H, Suzuki N, Horiuchi T, Okudaira H, Shiga J, Ito K: Hypersensitivity pneumonitis in the athymic nude mouse. Another evidence of T cell dependency. *Chest* 103: 145s 1993.
- 178) 石井芳樹, 北村 論: 間質性肺炎に対する N-アセチルシステイン吸入療法. *分子呼吸器病学*, 2: 451-453, 1998.
- 179) 石井芳樹, 北村 論: 間質性肺炎の新しい治療法の開発. *臨床医* 24: 2440-2444, 1998.
- 180) 石井芳樹, 北村 論: 肺の炎症治療: 抗酸化薬 (NAC). *現代医療* 31: 521-523, 1999.
- 181) 石井芳樹, 北村 論: アンチオキシダントの治療への応用. *呼吸と循環* 47: 143-149, 1999.
- 182) 川口一男, 石井芳樹, 北村 論: LPS 刺激によるラット肺胞マクロファージからの TNF  $\alpha$  産生に対する NAC (N-acetylcysteine) の阻害効果. *炎症* 19: 203-206, 1999.
- 183) Hagiwara S, Ishii Y, Kitamura S: Aerosolized administration of N-acetylcystein attenuates the lung fibrosis induced by bleomycin in mice. *Am J Respir Crit Care Med* 162: 225-231, 2000.

- 184) 石井芳樹:特発性間質性肺炎に対する N- アセチルシステイン吸入療法. 最新医学 55: 1223-1226, 2000.
- 185) 石井芳樹:吸入療法の新しい展開. 特発性間質性肺炎に対する N- アセチルシステイン吸入療法, 分子呼吸器病学. 4: 302-306, 2000.
- 186) 岸 一馬, 川畑雅照, 坪井永保, 成井浩司, 本間 栄, 中谷龍王, 黒崎敦子, 中田絃一郎: Pulmonary lymphangiomyomatosis の臨床的検討. 臨床放射線, 44 (1): 139-146, 1999.
- 187) 本間 栄, 田中さゆり, 長岡 功, 中田絃一郎: 肺線維化巣における発癌機序の臨床病理学的検討—特に血小板由来増殖因子 (PDGF) との関連について—. 冲中記念成人病研究所 年報 25 (平成 10 年度), 36-39, 1999.
- 188) Homma S, Kawabata M, Kishi K, Tsuboi E, Narui K, Nakatani T, Nakata K: Successful treatment of refractory bronchorrhea by inhaled indomethacin in two patients with bronchioloalveolar carcinoma. Chest ; 115: 1465-1468, 1999.
- 189) 岸 一馬, 川畑雅照, 坪井永保, 成井浩司, 本間 栄, 中谷龍王, 中田絃一郎: OK-432 と Adriamycin の併用胸腔内投与による肺癌に伴う癌性胸膜炎の治療. 肺癌, 39 (3): 261-266, 1999.
- 190) 川畑雅照, 本間 栄, 岸 一馬, 坪井永保, 成井浩司, 中谷龍王, 中田絃一郎: Autologus GVHD の関与が疑われた腎移植に伴う閉塞性細気管支炎の 1 例. Therapeutic Research; 20 (5): 334-338, 1999.
- 191) 横堀直子, 本間 栄, 田中さゆり, 川畑雅照, 岸 一馬, 坪井永保, 成井浩司, 中谷龍王, 中田絃一郎: 家庭用殺虫剤 (マシン油エアゾル) 吸入による外因性リポイド肺炎の一例. 日呼吸会誌, 37 (7): 583-588, 1999.
- 192) Homma S, Kawabata M, Kishi K, Tsuboi E, Narui K, Nakatani T, Saiki S, Nakata K: Bronchiolitis in Kartagener's syndrome. Eur. Respir. J ; 14: 1332-1339, 1999.
- 193) 川畑雅照, 岸 一馬, 坪井永保, 成井浩司, 本間 栄, 中谷龍王, 中田絃一郎, 宮腰重三郎, 武藤良知, 杉山孝弘, 田中さゆり, 松下 央: 同種骨髓移植に伴う bronchiolitis obliterans の 1 例. 第 60 回間質性肺疾患研究会討議録, 36-43, 1999.
- 194) Kin'ya Abe, Toru Arai, Masahide Mori, Hiroshi Kida, Sho Goya, Hiroto Matsuoka, Tadashi Osaki, Isao Tachibana and Seiji Hayashi. Effects of *in vivo* soluble selectin gene introduction on LPS-induced leukocyte accumulation into murine lung. Inflammation, 23; 523-534, 1999.
- 195) Mitsuhiro Yoshida, Junko Sakuma-Mochizuki, Kin'ya Abe, Toru Arai, Masahide Mori, Sho Goya S, Hiroto Matsuoka, Seiji Hayashi S, Yasufumi Kaneda, and Tadimitsu Kishimoto *In vivo* gene transfer of an extracellular domain of platelet-derived growth factor  $\beta$  receptor by the HVJ-liposome method ameliorates bleomycin-induced pulmonary fibrosis. Biochem Biophys Res Commun 265; 503-8, 1999.
- 196) Junko Sakuma-Mochizuki, Mitsuhiro Yoshida, Kin'ya Abe, Toru Arai, Masahide Mori, Yasufumi Kaneda, and Seiji Hayashi Changes in pulmonary histology and exfoliated bronchoalveolar cells induced by *in vivo* introduction of the tumor necrosis factor- $\alpha$  gene. Inflammation, 24; 11-19, 2000.
- 197) Nobuhiro Ohtake, Rie Suzuki, Haruyuki Daikuhara, Youichiro Nakai, Masahiro Yamamoto, Sakae Amagaya, Atsushi Ishige, Hiroshi Sasaki, Yasuhiro Komatsu, Kazunori Fukuda, and Seiji Hayashi Modulation of Lung Local Immune Responses by Oral Administration of a Herbal Medicine Sho-Saiko-To Internatinal Journal of Immunopharmacology, 22: 419-430, 2000.
- 198) Mitsuhiro Yoshida, Seiji Hayashi, Junko Sakuma-Mochizuki, Kin'ya Abe, Toru Arai, Masahide Mori, Sho Goya, Hiroto Matsuoka, Yasufumi Kaneda, and Tadimitsu Kishimoto Introduction of plasmid DNA and oligonucleotides into lung epithelial cells by the hemagglutinating virus of Japan (HVJ)-liposome method. Somatic Cell and Molecular Genetics 25: 49-57, 1999.
- 199) Toru Arai, Kin'ya Abe, Hiroto Matsuoka, Mitsuhiro Yoshida, Masahide Mori, Sho Goya, Hiroshi Kida, Kazumi Nishino, Tadashi Ohsaki, Isao Tachibana, Yasufumi Kaneda and Seiji Hayashi Introduction of the interleukin-10 gene into mice inhibited bleomycin-induced lung injury *in vivo* Am J Physiol 278: L914-L922, 2000.

---

厚生科学研究  
特定疾患対策研究事業  
びまん性肺疾患研究班  
平成 11 年度研究報告書

平成 12 年 3 月 29 日 印刷  
平成 12 年 3 月 31 日 発行

発行所 厚生科学研究 特定疾患対策研究事業  
びまん性肺疾患研究班  
〒 113-8602 東京都文京区千駄木 1-1-5  
日本医科大学第四内科  
TEL 03-3822-2131  
EX 6482

編集人 吾妻 安良太  
発行人 工藤 翔 二  
レイアウト 安本 昌 弘  
校正  
印刷所 (株) 太陽 社

〒 862-0972 熊本市新大江 2-5-18  
TEL 096-366-1251

---