

薬学部附属薬用植物園

Herbal Garden

薬用植物園研究室

Medicinal Botany

- 助教授(前) 有澤 宗久 Munehisa Arisawa
助 教 授 黒崎 文也 Fumiya Kurosaki
技 官 藤野 廣春 Hiroharu Fujino
技 官 辰尾 良秋 Yoshiaki Tatsuo
技 官 山崎 紀仁 Norihito Yamazaki

◆ 著 書

- 1) Kurosaki, F.: Structure and catalytic properties of 6-hydroxymellein synthase, a multifunctional polyketide biosynthetic enzyme In: Current Topics in Peptide & Protein Research, ed. by Ramchandran, U., Research Trends, Trivandrum Vol. 5, 135-141, 2003.

◆ 原 著

- 1) Ishii, R., Horie, M., Saito, K., Arisawa, M., and Kitanaka, S.: Inhibition of lipopolysaccharide-induced pro-inflammatory cytokine expression via suppression of nuclear factor- κ B activation by *Mallotus japonicus* phloroglucinol derivatives. *Biochim. Biophys. Acta*, 1620: 108-118, 2003.
- 2) Kurosaki, F., Mitsuma, S., and Arisawa, M.: Crosslinking of two sulfhydryl groups mediating substrate channeling at the reaction center of 6-hydroxymellein synthase, a multifunctional polyketide biosynthetic enzyme. *Plant Science*, 165, 437-442, 2003.

◆ 総 説

- 1) 有澤宗久: アカメガシワ *Mallotus japonica* (Euphorbiaceae) の果皮成分. *薬学雑誌*, 123, 217-224, 2003.

◆ 学会報告

- 1) 三間 覚, 山下 葵, 有澤宗久, 浅水哲也, 黒崎文也: Ca^{2+} カスケード関連遺伝子の導入による形質転換植物の作成. 第109回日本薬学会北陸支部例会, 2003, 11, 富山.

臨 床 薬 理 学

Clinical Pharmacology

- 教 授 木村 郁子 Ikuko Kimura
助教授 笹岡 利安 Toshiyasu Sasaoka
助 手 恒枝 宏史 Hiroshi Tsuneki
助 手 馬 恩龍 En-Long Ma

◆ 原 著

- 1) Ishihara H., Sasaoka T., Kagawa S., Murakami S., Fukui K., Kawagishi Y., Yamazaki K., Sato A., Iwata M., Urakaze M., Ishiki M., Wada T., Yaguchi S., Tsuneki H., Kimura I., and Kobayashi M.: Association of the polymorphisms in the 5'-untranslated region of PTEN gene with type 2 diabetes in a Japanese population. *FEBS Lett.*, 554:450-454, 2003.
- 2) Sasaoka T., Kikuchi K., Wada T., Sato A., Hori H., Murakami S., Fukui K., Ishihara H., Aota R., Kimura I., and Kobayashi M.: Dual role of src homology domain 2-containing inositol phosphatase 2 in the regulation of platelet-derived growth factor and insulin-like growth factor I signaling in rat vascular smooth muscle cells. *Endocrinology.*, 144:4204-4214, 2003.
- 3) Tanaka K., Watanabe M., Kuraishi Y., Kimura I., Suzuki T., and Kuniwa M.: Peroral TAS-202 reduced vessel density in rats with adjuvant-induced arthritis. *Eur. J. Pharmacol.* 466:191-197, 2003.
- 4) Tsuneki H., Salas R., and Dani, J.A.: Mouse muscle denervation increases expression of an $\alpha 7$ nicotinic receptor with unusual pharmacology. *J. Physiol. (Lond.)*, 547:169-179, 2003.
- 5) Zhao Y-L., Takagawa K., Oya T., Yang. H-F., Gao Z-Y., Kawaguchi M., Ishii Y., Sasaoka, T., Owada K., Furuta, I., and Sasahara, M.: Active src expression is induced after rat peripheral nerve injury. *Glia*, 42: 184-193, 2003.

◆ 総 説

- 1) 木村郁子: オレキシン及び唾液由来ペプチド, サリバチンの血糖下降作用. *日本唾液腺学会誌*, 44:15-24, 2003.