

Abstract 2005

1. Elevated Post-Translational Modification of Proteins by O-Linked N-Acetylglucosamine in Various Tissues of Diabetic Goto-Kakizaki Rats Accompanied by Diabetic Complications

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2. An autopsy case of early (" minimal change ") olivopontocerebellar atrophy (multiple system atrophy-cerebellar)

Koichi Wakabayashi¹, Fumiaki Mori¹, Makoto Nishie¹, Yoshinobu Oyama², Aiichiro Kurihara², Makoto Yoshimoto, Naohito Kuroda³

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3. Reversal of delayed vasospasm by an inhibitor of the synthesis of 20-HETE

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Am J Physiol Heart Circ Physiol, 289, H2203-H2211, 2005

4. Antitumor Effects of Synthetic VEGF-receptor Binding Antagonist, VEGFR1155

YASUJI UEDA, TAKEHIRO YAMAGISHI, KAZUNORI SAMATA, NORIKO HIRAYAMA, YASUSHI AOZUKA¹, MAKOTO TANAKA, SHIRO NAKAIKE and IKUO SAIKI¹

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5. Occurrence of pre-MBT synthesis of caspase-8 mRNA and activation of caspase-8 prior to execution of SAMDC (S-adenosylmethionine decarboxylase)-induced, but not p53-induced, apoptosis in Xenopus late blastulae

Koichiro Shiokawa^{1,2}, Eiji Takayama³, Takayasu Higo¹, Shinsaku Kuroyanagi², Chikara Kaito^{1,4}, Hiroshi Hara, Masayuki Kajitani⁵, Kazuhisa Sekimizu⁴, Takushi Tadakuma³, Kin-ichiro Miura⁶, Kazuei Igarashi⁷, Yoshio Yaoita⁸

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6. Cytochrome P450 4A Isoform Inhibitory Profile of N-Hydroxy-N'-(4-butyl-2-methylphenyl)-formamidine (HET0016), a Selective Inhibitor of 20-HETE Synthesis

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7. Discovery of 4-(dimethylamino)quinazolines as potent and selective antagonists for the melanin-concentrating hormone receptor 1

Kosuke Kanuma, Katsunori Omodera, Mariko Nishiguchi, Takeo Funakoshi, Shigeyuki Chaki, Graeme Semple¹, Thuy-Anh Tran¹, Bryan Kramer¹, Debbie Hsu¹, Martin Casper¹, Bill Thomsen¹, Nigel Beeley¹ and Yoshinori Sekiguchi

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**12. METABOLISM AND DISPOSITION OF A POTENT GROUP
METABOTROPIC GLUTAMATE RECEPTOR AGONIST, IN RATS,
DOGS, AND MONKEYS**

Joyce K. James¹, Masato Nakamura, Atsuro Nakazato, Kanyin E. Zhang¹, Merryl Cramer¹, Janice Brunner¹, Jacquelynn Cook¹, and Weichao G. Chen¹

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**13. Expression of IL-31 gene transcripts in NC/Nga mice with atopic
dermatitis**

Akiko Takaoka, Iwao Arai, Masanori Sugimoto, Akie Yamaguchi, Makoto Tanaka,
Shiro Nakaike

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**14. Prostaglandin D₂ and prostaglandin E₂ accelerate the recovery of
cutaneous barrier disruption induced by mechanical scratching in mice**

Yusuke Honma, Iwao Arai, Yuki Hashimoto, Nobuko Futaki, Masanori Sugimoto,
Makoto Tanaka, Shiro Nakaike

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15. Transgenic Mice Over-expressing Dicarbonyl/L-xylulose Reductase Gene

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K Inoue^{1,2}, K Okugawa², S Amano², T Oshika³, E Takamura⁴, F Egami, G Umizu, K Aikawa and S Kato²

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Yuji TAKAOKA

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Shigenori Murata¹, Taeko Yoshiara¹, Chun Ren Lim¹, Maiko Sugino¹, Mitori Kogure¹, Tatsuya Ohnuki, Toshi Komurasaki, Kenichi Matsubara¹

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Takashi Sakagawa

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22. 20-Hydroxyeicosatetraenoic acid (20-HETE)は創薬ターゲットになり得るか？

Noriyuki Miyata

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Masanori Nakamura, Masaki Ono, Toshiaki Nakajima, Yuji Ito, Takao Aketo, Jun Haginaka¹

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Hitoshi Okamoto, Toshiaki Nakajima, Yuji Ito, Takao Aketo, Kenji Shimada¹, Susumu Yamato¹

¹Department of Analytical Chemistry, Niigata University of Pharmacy and Applied Life Science

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Akihiko Kamiya

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Takayuki Seki, Tsuyoshi Ishimoto, Takanobu Sakurai, Yoshiko Yasuda, Kazuo Taniguchi, Mariko Doi, Mariko Sato, Richard J. Roman¹, and Noriyuki Miyata

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Yuki Hashimoto, Iwao Arai, Makoto Tanaka, and Shiro Nakaike

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Norikazu Takano, Takanobu Sakurai, and Michio Kurachi

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29. QT PRODACT: A Multi-site Study of In Vitro Action Potential Assays on 21 Compounds in Isolated Guinea-Pig Papillary Muscles

Seiji Hayashi^{1,2}, Yoshihide Kii^{1,3}, Mitsuyasu Tabo^{1,4}, Hitoshi Fukuda^{1,5}, Tetsuji Itoh^{1,6}, Takashi Shimosato^{1,7}, Hideto Amano^{1,8}, Mamoru Saito^{1,9}, Hajime Morimoto^{1,10}, Kiyoshi Yamada^{1,11}, Atsuhiko Kanda^{1,12}, Toshimasa Ishitsuka^{1,13}, Takanobu Yamazaki^{1,14}, Yoichi Kiuchi¹, Shinya Taniguchi^{1,15}, Tatsuya Mori^{1,16}, Shigekazu Shimizu^{1,17}, Yuji Tsurubuchi^{1,18}, Shun-ichi Yasuda^{1,19}, Shin-ichi Kitani^{1,20}, Chiaki Shimada^{1,21}, Kazuo Kobayashi^{1,22}, Masaharu Komeno^{1,23}, Chieko Kasai^{1,24}, Toshiyasu Hombu^{1,24}, and Kenji Yamamoto^{1,25}

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- ¹¹Pharmaceutical Research Laboratories, Toray Industries, Inc.
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- ¹³Toxicological Laboratory, Mitsubishi Pharma Corporation
- ¹⁴Research Center, Kyorin Pharmaceutical Co., Ltd.
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Noriyuki MIYATA and Richard J. ROMAN¹

¹Department of Physiology and Medicine and Kidney Disease Center, Medical College of Wisconsin

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Toshi AKASHI¹, Midori KONO¹, Sadayori HOSHINA¹, Yoshie KANEDA, and Hiroyuki KAWAUCHI

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