



## 平成19年度 傾斜的研究費 (特定) (全学分) (戦略分・公募分) 研究報告書

学会発表 (発表題目、発表大会名、年月を記入)

## 北 一郎

久保田夏子, 柳田信也, 北 一郎. ラットの覚醒/あくび反応におけるコルチコトロピン放出因子ニューロンの役割. 第30回日本神経科学大会, 横浜, 2007.9

柳田信也, 雨宮誠一朗, 鈴木聡子, 加藤裕美, 久保田夏子, 北 一郎. 自発および強制運動時の心理的变化に関連する脳内神経活動の比較. 第30回日本神経科学大会, 横浜, 2007.9

柳田信也, 北 一郎. 急性の自発および強制運動時のモノアミン神経活動  
第62回日本体力医学会大会, 秋田, 2007.9

Kita I, Kubota N, Yanagita S, Motoki C. Corticotropin-releasing factor neurons are involved in arousal response accompanied by yawning behavior of rats. Society for Neuroscience, 37th Annual Meeting, San Diego, CA, USA, 2007. 11

Yanagita S, Suzuki S, Amemiya S, Kato Y, Kubota N, Kita I. Effects of regular voluntary exercise on activation of corticotropin-releasing hormone neurons during acute running. Asia-Pacific Conference on Exercise and Sports Science 2007. Hiroshima, 2007.12

## 井澤鉄也

Sakurai T, Nishioka H, Fujii H, Nakano N, Kizaki T, Izawa T, Haga S, Ishida H, Radak Z, Ohno. New lychee fruit-derived polyphenol mixture Oligonol converted into a low-molecular form reduces oxidative stress in adipocytes. The 15th European Congress on Obesity, Budapest, 2007. 11

Sakurai T, Nishioka H, Fujii H, Kizaki T, Izawa T, Shirato K, Imaizumi K, Ikeda S, Haga S, Ohno. Antioxidative/anti-inflammatory The 3rd International Conference on Polyphenols and Health, Kyoto, 2007. 11

## その他、国内学会10回

論文発表又は著書発行 (発表題目、著者、発表誌又は出版社、年月を記入)

## 北 一郎

Kita I, Kubota N, Yanagita S, Motoki C. Intracerebroventricular administration of corticotropin-releasing factor antagonist attenuates arousal response accompanied by yawning behavior in rats. Neuroscience Letters *in press*)

Suzuki S, Yanagita S, Amemiya S, Kato Y, Kubota N, Ryushi Kita I. Effects of negative air ions on activity of neural substrates involved in autonomic regulation in rats. International Journal of Biometeorology *in press*)

Yanagita S, Amemiya S, Suzuki S, Kita I. Effects of spontaneous and forced running on activation of hypothalamic corticotropin-releasing hormone neurons in rats. Life Sciences, 80: 256-363, 2007

北 一郎 (分担執筆) 首都大学東京体力標準値研究会編, 新・日本人の体力標準値II, 不昧堂, 東京, 2007

## 井澤鉄也

Kizaki T, Izawa T, Sakurai T, Haga S, Taniguchi N, Tajiri H, Watanabe K, Day NK, Toba K, Ohno.  $\beta$ 2-adrenergic receptor regulates TLR4-induced NF- $\kappa$ B activation through B-arrestin 2. Immunology (in press)

Sakurai T, Nishioka H, Fujii H, Nakano N, Kizaki T, Radak Z, Izawa T, Haga S, Ohno. Antioxidative effects on a new lychee fruit-derived polyphenol mixture, Oligonol, converted into a low molecular form in adipocytes. Biosci. Biotechnol. Biochem. (in press)

Sakurai T, Kondoh N, Arai M, Hamada J, Yamada T, Kihara-Negishi Izawa T, Ohno H. Functional roles of Fli-1, a member of Ets family of transcription factors, in human breast malignancy. Cancer Science 98: 1775-1784, 2007

Sakurai T, Takei M, Ogasawara J, Ueda H, Kizaki T, Ohno H, Izawa T. Exercise before or after refeeding prevents refeeding-induced recovery of cell size after fasting with a different pattern of metabolic gene expressions in rat epididymal adipocytes. Metabolism: Clinical and Experimental, 56: 1270-1278, 2007

Watanabe S, Hitomi Y, Kawano F, Ohira Y, Kizaki T, Nakano N, Sakurai T, Izawa T, Suzuki K, Sudoh M, Roy RR, Ohno H. Transcription regulation of gene expression in rat brown adipose tissue in response to unloading or 2G loading during growing period. Acta Astronautica,

井澤鉄也 (分担執筆) 体力と健康: 脂肪と体力, 「長澤純一編; 体力とは何か」  
ナッブ, 東京, 2007