

# JJP Hiroshi Irisawa Awarders

## 日本生理学会入澤記念 JJP優秀論文賞

<1993>

Katsumasa KAWAHARA and Kenzo MATSUZAKI (東京大学医学部第二生理)

A Stretch-Activated Cation Channel in the Apical Membrane of A6 Cells. Vol.43 (6) : 817-832, 1993

<1994>

Tsukasa TAMEYASU (聖マリアンナ医科大学医学部生理)

Oscillatory Contraction of Single Sarcomere in Single Myofibril of Glycerinated, Striated Adductor Muscle of Scallop. Vol 44 (3) : 295-318, 1994

<1995>

Kyo-ichi TAKAHASHI, Shun-ichiro MIYOSHI, and Akimichi KANEKO (慶應義塾大学医学部生理)

GABA-Induced Chloride Current in Catfish Horizontal Cells Mediated by Non-GABAA Receptor Channels. Vol.45 (3) : 437-456, 1995

Natsu KOYAMA, Yasuo NISHIKAWA, Arnel T CHUA, Masatsugu IWAMOTO, and Toshikatsu YOKOTA (滋賀医科大学医学部生理)

Differential Inhibitory Mechanisms in VPL versus Intralaminar Nociceptive Neurons of the Cat: I. Effects of Periaqueductal Gray Stimulation. Vol.45 (6) : 1005-1027, 1995

<1996>

Tetsuro SAKAI, Akihiko HIROTA, and Kohtaro KAMINO (東京医科歯科大学医学部第二生理)

Video-Imaging Assessment of Initial Beating Patterns of the Early Embryonic Chick Heart . Vol.46 (6) : 465-472, 1996

<1997>

Riichi KAJIWARA, Olav SAND, Yoshiaki KIDOKORO, Michael E. BARISH, and Toshio IJIMA (電子技術総合研究所超分子部, 東北大情報科学研究科他)

Functional Organization of Chromaffin Cells and Cholinergic Synaptic Transmission in Rat Adrenal Medulla. Vol.47 (5) : 449-464, 1997

<1998>

Keisetsu SHIMA and Jun TANJI (東北大学医学部生体システム生理)

Involvement of NMDA and Non-NMDA Receptors in the Neuronal Responses of the Primary Motor Cortex to Input from the Supplementary Motor Area and Somatosensory Cortex: Studies of Task-Performing Monkeys. Vol.48 (4) : 275-290, 1998

<1999>

Takashi SHIGEMOTO (神戸大学医学部第二生理学)

Fibronectin Induces Pseudopod Formation and Cell Migration by Mobilizing Internal  $Ca^{2+}$  in Blastoderm Cells from Medaka Embryos. Vol. 49 (6): 527-539, 1999

Ju MIZUNO, Takashi MIKANE, Junichi ARAKI, Mineko HATASHIMA, Toshiyuki MORITAN, Tetsuya

ISHIKAWA, Kimiaki KOMUKAI, Satoshi KURIHARA, Masahisa HIRAKAWA, Hiroyuki SUGA. (岡山大学医学部生理学第二講座・麻酔・蘇生学講座他)

Hybrid Logistic Characterization of Isometric Twitch Force Curve of Isolated Ferret Right Ventricular Papillary Muscle. Vol. 49 (2): 145-158, 1999

<2000>

Katsuya DEZAKI, Takehiko TSUMURA, Emi MAENO, and Yasunobu OKADA (生理学研究所機能協関)

Receptor-Mediated Facilitation of Cell Volume Regulation by Swelling-Induced ATP Release in Human Epithelial Cells. Vol. 50 (2): 235-241, 2000

Sae UCHIDA, Fusako KAGITANI, Atsuko SUZUKI, and Yoshihiro AIKAWA (東京都老人総合研究所)

Effect of Acupuncture-Like Stimulation on Cortical Cerebral Blood Flow in Anesthetized Rats. Vol. 50 (5): 495-507, 2000.

<2001>

Shintaro YAMAMOTO, Tsuguhisa EHARA, and Takao SHIOYA (佐賀医科大学生理)

Changes in Cell Volume Induced by Activation of the Cyclic AMP-Dependent Chloride Channel in Guinea-Pig Cardiac Myocytes. Vol. 51 (1): 31-41, 2001

Masayuki TOKUMASU, Yoshimi NAKAZONO, Hideto IDE, Kimio, AKAGAWA, and Hiroshi ONIMARU (青山理工学部電気電子工学科他)

Optical Recording of Spontaneous Respiratory Neuron Activity in the Rat Brain Stem. Vol. 51 (5): 613-619, 2001

<2002>

Toru IDE, Yuko TAKEUCHI, Takaaki AOKI, and Toshio YANAGIDA (大阪大学大学院生命機能研究科)

Simultaneous Optical and Electrical Recording of a Single Ion-Channel. Vol. 52 (5) : 429-434, 2002

<2003>

Satoshi MATSUOKA, Nobuaki SARAI, Sinobu KURATOMI, Kyoichi ONO, and Akinori NOMA (京都大学医学研究科生体制御医学講座細胞機能制御学他)

Role of Individual Ionic Current Systems in Ventricular Cells Hypothesized by a Model Study. Vol. 53 (2): 105-123, 2003.

<2004>

Michiko IWASE, Masahiko IZUMIZAKI, Mitsuko KANAMARU, and Ikuo HOMMA (昭和大学医学部第二生理)

Effects of Hyperthermia on Ventilation and Metabolism during Hypoxia in Conscious Mice. Vol. 54 (1): 53-59, 2004

<2005>

Takeo TANAAMI, Hideyuki ISHIDA, Hidetaka SEGUCHI, Yuki HIROTA, Toshie KADONO, Chokoh GENKA, Hiroe NAKAZAWA, and WH BARRY (東海大学医学部生理科学)

Difference in Propagation of  $Ca^{2+}$  Release in Atrial and Ventricular Myocytes. Vol.55 (2): 81-91, 2005