

PROCEEDINGS AT THE 814TH GENERAL MEETING

The 814th General Meeting of the Academy was held on Monday, December 14, 1987, at 1:05 p.m., Dr. Toshio KUROKAWA, President, taking the chair. Eighty-three members were present, and the following communications were made:

- Hokusai Itsuji YOSHIKAWA, M. J. A.
 Liability of the directors of parent or subsidiary corporation
 Kenichiro OSUMI, M. J. A.
 Histochemical localization of adenylate cyclase in hormonally sensitized
 rat endometrium. Effect of application of decidual stimulus
 Yasuhiko OHTA and Kiyoshi TAKEWAKI, M. J. A.
 A chromosomal study on 43 cases with mental retardation
 Suzue KANATA, Tetsuji KADOTANI,
 Yoko WATANABE, Noriko KUROSAKI, Toshio KUMADA, and Osamu TOI
 Sister chromatid exchange in human lymphocytes in extreme age
 Teimuraz Aleksandrovich LEZHAVA
 Natural hybrid between two different karyotypes of *Pieris rapae* in
 Japan (Lepidoptera: Pieridae) Kodo MAEKI and Rie MIYAWAKI
 The origin of natural monument, Scarlet crucian carp (Hibuna) in the
 Harutori Lake, Kushiro, Hokkaido, Japan Yoshio OJIMA
 Above five, communicated by Sajiro MAKINO, M. J. A.
 Interaction of two nonlinear waves at the boundary Toru SASAKI
 Degenerate self-adjoint perturbation in Hilbert space Takao NAMBU
 On periodic solutions for the periodic quasilinear ordinary differential
 system containing a parameter Seiji SAITO and Minoru YAMAMOTO
 L^2 -theory of singular perturbation of hyperbolic equations. I. A priori
 estimates with parameter ϵ Kôichi UCHIYAMA
 A calculus of the tensor product of two holonomic systems with support
 on non-singular plane Shinichi TAJIMA
 Above five, communicated by Kôsaku YOSIDA, M. J. A.
 Gram's law for the zeta zeros and the eigenvalues of Gaussian unitary
 ensembles Akio FUJII
 Communicated by Shokichi IYANAGA, M. J. A.
 Preparation and characterization of monoclonal antibodies for the
 modified base, queuine Yoshiyuki KUCHINO, Koji KIMURA, Hiroshi
 AKIMOTO, Hiroaki NOMURA, Noriko AKITA, and Susumu NISHIMURA
 Communicated by Takashi SUGIMURA, M. J. A.
 Dual effect of γ -aminobutyric acid (GABA) on the neurotransmission
 in the superior colliculus slices from the guinea pig
 Toshio ARAKAWA and Yasuhiro OKADA
 Communicated by Yasuji KATSUKI, M. J. A.
 Adrenal enucleation abolishes the development of hypersensitivity to
 haloperidol in rats
 Tomoko FUJII, Nobuko YAMAMOTO, and Kimiyasu SATO
 Effect of N-[N-(L-trans-3-carboxyoxirane-2-carbonyl)-L-leucyl]-3-me-
 thyl-butylamine (E64C), a thiol-protease inhibitor, on tyrosin release
 from skeletal muscle cells
 Kazuhiro KOHAMA, Shohei MITANI, and Tomoaki SHIRAO
 Monoclonal antibody which recognizes trimethylated N-terminus of
 histone H2B Masashi SUZUKI,
 Kimiko SAEKI, Makio TOKUNAGA, and Takeyuki WAKABAYASHI

Above three, communicated by Setsuro EBASHI, M. J. A.
 Novel codon-anticodon recognition patterns in *Mycoplasma capricolum*
 Yoshiki ANDACHI, Akira MUTO, Fumiaki YAMAO, and Syozo OSAWA
 Communicated by Motoo KIMURA, M. J. A.
 On a certain distribution on $GL(n)$ and explicit formulas
 Hiroyuki YOSHIDA
 Dual pairs on spinors. Cases of (C_m, C_n) and $(C_m^{(1)}, C_n^{(1)})$
 Kohji HASEGAWA
 Above two, communicated by Kunihiko KODAIRA, M. J. A.

After a recess during which the members present met in their respective Sections, the General Meeting was resumed for business transactions.

First, Dr. Hisateru MITSUDA, M. J. A., paid a tribute of admiration to the late Dr. Hideo KATAGIRI's meritorious services to academic circles.

Next, the Chairmen of both Sections made reports of the matters dealt with at the respective Sectional Meetings.

Then, the recommendations of both Sections for the new membership of the Academy, were accepted unanimously. The new members elected are:

- Section I: Akio ABE (Japanese Literature).
- Section II: Chushiro HAYASHI (Theoretical Astrophysics), Shunzo OKAMOTO (Civil Engineering), Kei ARIMA (Agricultural Chemistry, Microbiology), Man-emon TAKAHASHI (Breeding and Crop Science), Takao FUSAYAMA (Dentistry), Hideo NISHIMURA (Anatomy, Embryology), Tamio YAMAKAWA (Biochemistry).

The Meeting adjourned at 5:00 p.m.

日本学士院紀要

昭和六十二年十二月 第六十三卷A 第十号

昭和六十三年一月五日 印刷
昭和六十三年一月八日 発行

編集兼
発行者 日本学士院
東京都台東区上野公園七の三十二
印刷所 株式会社東京プレス
東京都板橋区桜川二丁目二十七の十二
印刷者 依田高夫
東京都板橋区桜川二丁目二十七の十二

Printed by
TOKYO PRESS COMPANY LIMITED
No. 27-12, Sakuragawa 2-chome, Itabashi-ku,
Tokyo 174 Japan
Tel.: (932) 9291~4

