

PROCEEDINGS AT THE 743RD GENERAL MEETING

The 743rd General Meeting of the Academy was held on Wednesday, November 12, 1980, at 1:05 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-two members were present, and the following communications were made:

- Reproduction of works in another genre Masaaki KATSUMOTO, M. J. A.
- The assignment of the nucleolar organizer in the chromosomes of the Funu (*Carassius*, Cyprinidae, Pisces) Yoshio OJIMA and Takashi YAMANO
- Segregation of karyotypes in the F₂ generation of the hybrids between Mauritius and Oceanian type black rats with a note on their litter size Toshihide H. YOSIDA
- Stimulation of melanogenesis in melanoma cells growing in serum-free medium by fetal bovine serum and dimethylsulfoxide Kunio IWATA and Naomichi INUI
- Induction of sister chromatid exchanges by cyclophosphamide in human lymphocytes with metabolic activation Kiyoshi INOUE, Tadayoshi SHIBATA, Shinichi MISAWA, Tatsuo ABE, and Keiichi KAWAI
Above four, communicated by Sajiro MAKINO, M. J. A.
- On the regularity of arithmetic multiplicative functions. I J. -L. MAUCLAIRE and Leo MURATA
- On certain numerical invariants of mappings over finite fields. III Takashi ONO
Above two, communicated by Shokichi IYANAGA, M. J. A.
- Studies on holonomic quantum fields. XVII Michio JIMBO and Tetsuji MIWA
- Calculus on Gaussian white noise. II Izumi KUBO and Shigeo TAKENAKA
- Approximate innerness of positive linear maps of factors of type II Hideo TAKEMOTO
- On a result of T. Watanabe on excessive functions L. STOICA
- On a stability of essential spectra of laplace operators on non-compact Riemannian manifolds Kenrô FURUTANI
- A remark concerning the extensions of some group C*-algebras Ryo ICHIHARA
- On a difference system of the integrals of Pochhammer Toshihiro WATANABE
Above seven, communicated by Kôsaku YOSIDA, M. J. A.
- An improved preparation of β -chloropropionaldehyde Yasuhiko SATO and Shigehiko SUGASAWA, M. J. A.
- Deformylation of Formamides Shinichi KODATO and Shigehiko SUGASAWA, M. J. A.
- Tetrahymena* histone sequences and their implications for phylogeny of protozoa . . . Hiroaki HAYASHI, Minoru NOMOTO, and Koichi IWAI
Communicated by Shoei ISEKI, M. J. A.
- A mutant of *Tetrahymena* with non-excitabile membrane Mihoko TAKAHASHI, Hiroshi ONIMARU, and Yutaka NAITOH

- Effects of Ca ion and ADP on superprecipitation of myosin B from
 slime mold, *Physarum polycephalum*
 Kazuhiro KOHAMA, Keiko KOBAYASHI, and Shohei MITANI
 Above two, communicated by Setsuro EBASHI, M. J. A.
- Isotopic ages of the Cretaceous tuff from the Manji area, Hokkaido
 Reiko HAMAMOTO,
 Yuichiro MIYATA, Masao FUTAKAMI, and Kazushige TANABE
 Communicated by Teiichi KOBAYASHI, M. J. A.
- ³¹P NMR study of neomycin toxicity Fumio
 HAYASHI, Hiroko INOUE, Taisaku AMAKAWA, and Tohru YOSHIOKA
 Communicated by Yasuji KATSUKI, M. J. A.
- Molecular cloning of a complementary DNA of phenobarbital-inducible
 cytochrome P-450 messenger RNA from the rat
 Yoshiaki FUJII-KURIYAMA, Tadatsugu TANIGUCHI, Yuzuru
 MIZUKAMI, Masaharu SAKAI, Yutaka TASHIRO, Masami MURAMATSU
 Communicated by Toshio KUROKAWA, 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, the President announced that Dr. Tetsu SAKAMURA, M. J. A., had died on October 18, 1980; the members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Teizo OGAWA, M. J. A., and Dr. Hiroshi TAMIYA, M. J. A., paid a high tribute respectively to the late Dr. Yushi UCHIMURA's and the late Dr. Tetsu SAKAMURA's meritorious services to the Academic circles.

Then, the Chairmen of both Sections made reports on the matters dealt with at the Sectional Meetings.

After that, it was submitted to elect Prof. J. G. HARRAR, to the Honorary Membership of the Academy on the recommendation by Section II. This was approved unanimously.

Finally, the election of Secretary-General took place, to succeed Dr. Hiromi ARISAWA, who had been elected President at the 742nd General Meetings. Dr. Chuji TSUBOI was elected.

The Meeting adjourned at 5:45 p.m.

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