

PROCEEDINGS AT THE 734TH GENERAL MEETING

The 734th General Meeting of the Academy was held on Wednesday, December 12, 1979 at 1:00 p.m., Dr. Kiyoo WADATI, President, taking the chair. Eighty-four members were present, and the following communications were made:

- Imports of Arabian horses and their breeding in Japan during the early modern ages Seiichi IWAO, M. J. A.
 Shares in tentative draft of Corporation Law Amendment Act Kenichiro OSUMI, M. J. A.
 On the smoothness of infinitely divisible distributions corresponding to some ordinary differential equations Sadao SUGITANI
 Infinitely divisible distributions and ordinary differential equations Takesi WATANABE
 The range of Picard dimensions Mitsuru NAKAI
 On some series of regular irreducible prehomogeneous vector spaces Tatsuo KIMURA and Masakazu MURO
 A class of general boundary conditions for multi-dimensional diffusion equation Tadashi UENO
 The space of distributions treated as a ranked space Shizu NAKANISHI
 Above six, communicated by Kôzaku YOSIDA, M. J. A.
 A comparative study on nucleolus organizer regions (NORs) in 7 *Rattus* species with special emphasis on the organizer differentiation and species evolution Toshihide H. YOSIDA
 The occurrence of spontaneous polyploid in the Japanese common loach, *Misgurnus anguicaudatus* Yoshio OJIMA and Akinori TAKAI
 On the banding structures of the chromosomes of the field mouse, *Apodemus argenteus* Temmink, with a note on the number variation Hideo FUKUOKA and Tatsuo UDAGAWA
 The karyotype of *Rattus villosissimus* resulted from Robertsonian fission of small metacentrics Toshihide H. YOSIDA
 Above four, communicated by Sajiro MAKINO, M. J. A.
 Histological studies on hemoglobin degradation. I. Radioautographic study in rat liver and kidney Keiko SEKI, Machiko SHINDO, Yoshio SAWASAKI, Hiroshi NAKAJIMA, Harunori ISHIKAWA, and Eichi YAMADA
 Histological studies on hemoglobin degradation. II. Selective uptake of hemoglobin-haptoglobin complex by hepatocytes in mouse. Keiko SEKI, Yoshio SAWASAKI, Hiroshi NAKAJIMA, Harunori ISHIKAWA, and Eichi YAMADA
 Above two, communicated by Kenji YAMAOKA, M. J. A.
 Statistics of energy release by earthquakes in and near Japan, 1915-1978 Chuji TSUBOI, M. J. A.
 The invertibility problem on amphicheiral excellent knots Akio KAWAUCHI
 The structure of the Albanese map of an algebraic variety of Kodaira dimension zero Yujiro KAWAMATA
 The Kodaira dimension of certain fiber spaces Yujiro KAWAMATA
 Some Lie algebras of vector fields on foliated manifolds and their derivation algebras Yukihiro KANIE

- On the Mordell-Weil group of certain elliptic curve . . Fumio HAZAMA
 Congruences between Siegel modular forms of degree two
 Nobushige KUROKAWA
 Above six, communicated by Kunihiko KODAIRA, M. J. A.
- Properties of glutamate decarboxylase (GAD) in the human insulinoma,
 a non-neural tissue Yasuhiro OKADA
 Communicated by Teizo OGAWA, M. J. A.
- Comparison of immunoglobulin $\gamma 1$ and $\gamma 2b$ chain genes cloned from
 newborn mouse. Evolutional divergence of intervening sequences
 and structural basis for recognition of splicing sites
 Masahiro OBATA, Yuriko YAMAWAKI-KATAOKA, Naoki
 TAKAHASHI, Tohru KATAOKA, Toshiaki KAWAKAMI, and Tasuku HONJO
 Communicated by Osamu HAYAISHI, M. J. A.
- Substance P and noncholinergic excitatory synaptic transmission in
 guinea pig sympathetic ganglia.
 Shiro KONISHI, Akinobu TSUNOO, and Masanori OTSUKA
 Communicated by Setsuro EBASHI, M. J. A.
- Collagen production by rat liver parenchymal cells in primary culture
 Ryu-ichiro
 HATA, Yoshifumi NINOMIYA, Yutaka NAGAI, and Yutaka TSUKADA
 Associative conditioning mediated by the red nucleus in the cat . . .
 Nakaakira TSUKAHARA, Yōichi ODA, and Tatsuto NOTSU
 Above two, communicated by Yasuji KATSUKI, 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 introduced to the Meeting the following new members:

Shohei TAKAMURA, Yotsuo TORIYAMA, Yunoshin IMAI, Mataji MIYAMOTO.

Next, the President announced that Dr. Kochi DOI, M. J. A., had died on November 26, 1979. The Members rose from their seats in silence, expressing profound sense of grief.

Then, Dr. Yensho KANAKURA, M. J. A., paid a high tribute to the late Dr. Naoshiro TSUJI's meritorious services to the academic circles.

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

The Meeting adjourned at 4:15 p.m.

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