

## PROCEEDINGS AT THE 844TH GENERAL MEETING

The 844th General Meeting of the Academy was held on Wednesday, December 12, 1990, at 1:05 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Eighty-seven members were present, and the following communications were made:

- La mosaïque du Baptistère Saint-gean de Florence . . . . .  
 . . . . . Itsuji YOSHIKAWA, M. J. A.
- On brain-death . . . . . Ryuichi HIRANO, M. J. A.
- Dynamic expression of  $\alpha$ B-crystallin in skeletal muscle. Effects of unweighting, passive stretch and denervation . . . . .  
 . . . . . Yoriko ATOMI, Shigeru YAMADA, and Yeong-Man HONG
- Morphological changes of human myeloid leukemia K562 cells by a protein phosphatase inhibitor, tautomycin . . . . .  
 Junji MAGAE, Hiroyuki OSADA, Hirota FUJIKI, Takaomi C. SAIDO, Koichi SUZUKI, Kazuo NAGAI, Makari YAMASAKI, and Kiyoshi ISONO
- Molecular shape of  $\alpha$ -connectin, an elastic filamentous protein of skeletal muscle . . . . . Masaki SONODA, Sumiko KIMURA, Hideshige MORIYA, Yutaka SHIMADA, and Koscak MARUYAMA  
 Above three, communicated by Setsuro EBASHI, M. J. A.
- <sup>26</sup>Al tracer experiment by accelerator mass spectrometry and its application to the studies for amyotrophic lateral sclerosis and Alzheimer's disease. I . . . . . Koichi KOBAYASHI, Sakae YUMOTO, Hisao NAGAI, Yoshiyuki HOSOYAMA, Mineo IMAMURA, Shin-ichirou MASUZAWA, Yoshinobu KOZUMI, Hiroshi YAMASHITA  
 Communicated by Kazuo YAMASAKI, M. J. A.
- Tetrateanite in carbonaceous chondrites . . . . .  
 . . . . . Takesi NAGATA, M. J. A., and Barbara J. CARLETON
- Structural analysis of orthorhombic ZrO<sub>2</sub> by high resolution neutron powder diffraction . . . . . Osamu OHTAKA, Takamitsu YAMANA, Shoichi KUME, Naoki HARA, Hajime ASANO, and Fujio IZUMI  
 Communicated by Ryoichi SADANAGA, M. J. A.
- On products of consecutive integers . . . . . Shin-ichi KATAYAMA
- An application of a certain fractional derivative operator . . . . .  
 . . . . . Shigeyoshi OWA and H. M. SRIVASTAVA
- An improvement of sufficient conditions for starlike functions . . . . .  
 . . . . . Mamoru NUNOKAWA, Shigeyoshi OWA, Hitoshi SAITOH, and Koichiro OHTAKE
- Some aspects in the theory of representations of discrete groups. I . . . . .  
 . . . . . Takeshi HIRAI
- The set of primes bounded by the Minkowski constant of a number field . . . . . Makoto ISHIBASHI
- On the Hasse norm principle for certain generalized dihedral extensions over  $\mathbb{Q}$  . . . . . Masanori MORISHITA  
 Above six, communicated by Shokichi IYANAGA, M. J. A.
- Japanese-type adult galactosialidosis. A unique and common splice junction mutation causing exon skipping in the protective protein/carboxypeptidase gene . . . . .  
 . . . . . Michie SHIMMOTO, Takako TAKANO, Yukiko FUKUHARA, Akihiro OSHIMA, Hitoshi SAKURABA, Yoshiyuki SUZUKI  
 Communicated by Tamio YAMAKAWA, M. J. A.

Existence of poriferasterol monoglucoside and UDP-glucose: Poriferasterol glucosyltransferase in haploid myxoamoebae of mating-less mutant, *Coronia* strain, of *Physarum polycephalum* . . Kimiko MURAKAMI-MUROFUSHI, Yumiko KAMIYA, Keiko MIMURA, and Jiro OHTA  
Communicated by Noburô KAMIYA, 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. Keiji NISHITANI, M. J. A., had passed away on November 24, 1990; Dr. Toshio SUGI, M. J. A., on December 10, 1990. The Members rose from their seats in silence, expressing profound sense of grief.

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

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

Section I: Kei SUZUKI (History of Chinese Painting), Masami ITO (Anglo-American Law and Constitutional Law), Nobuyoshi ASHIBE (Constitutional Law), Shigeto TSURU (Economics), Ryutaro KOMIYA (Economics).

Section II: Jun-ichi TOMIZAWA (Molecular Genetics), Toshio FUKUYAMA (Architecture), Ken-ichi MAEDA (Electrical Engineering), Seizo OKAMURA (Applied Chemistry, Macromolecular Chemistry).

The Meeting adjourned at 4:40 p.m.

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