

The JAPANESE JOURNAL FOR HISTORY  
OF PHARMACY, Vol. 45, No. 1 (2010)

CONTENTS

Plenary Lecture

- Kiyoshi Kawase** : A Brief Survey about 50 Year's Activities of the Japanese Society for  
History of Pharmacy ..... 1
- Ken Kanematsu** : History of Science and Research of Morphine ..... 3

Shibata Forum

- Masataka Mochizuki** : Effort for Renovation of Pharmacy Education ..... 7

Review

- Jun Okuda and Yohko Natsume** : Ancient History of Indian Pharmacy ..... 15

Original

- Yumiko Arai and Kazuo Matsumoto** : The Transition of Amino Acids Drug Development  
for 50 Years in Japan (Part 2)—Ethical Drugs Containing Amino Acids  
(except  $\alpha$ -amino acid parenteral fluid)— ..... 30
- Hideaki Matsuda, Kazuya Murata, Fumiaki Takeshita, Keishi Takada, Keiichi Samukawa  
and Tadato Tani** : Medicinal History and Ginsenosides Composition of  
*Panax ginseng* Rhizome, "Roju" ..... 40
- Seiji Nagumo, Yohei Sasaki and Kazuo Izawa (deceased)** : Historical Research of  
Cinchona Cultivation in Japan (1) : First Trial Cultivation in Japan  
in the Early Meiji Period Recorded in *Nomutenmatsu* ..... 49

Biography

- Miwa Misawa** : Friendship between Koki Hirota and Hajime Hoshi ..... 59

Historical Material

- Heung-Ki Lee and Sumio Ishida** : Pharmaceutical History in the Book  
"Pictorial Korean Modern Medical Cultural History (1879~1960)" ..... 67
- Osamu Kimura** : Starting with Camphor—The Progress of Nippon Fine Chemical— ..... 71
- Koichi Masuyama and Soichiro Isobe** : Social Change and Pharmaceutical  
Affairs Law (PAL) ..... 78

Note

- Masahiko Goino** : Drugs in Kamigata Rakugo (a traditional style of  
Japanese story-telling in Osaka) ..... 82