

## Research Records

(Dec. 1956~Sep. 1957)

### I. Articles Published in Scientific Journals

(a) In "Journal of the Pharmaceutical Society of Japan."

**Takeshi Shimano, Mizuno Mizuo and Ikuo Adachi:** Studies on Triterpenoids. X. On the New Components of *Jasminum odoratissimum* L. : Two Triterpenoids (77, 1038 (1957)).

**Kenji Kaji and Hiroshi Nagashima:** Synthesis of Mixed Acyloins. III. A Reaction of Methyl Grignard Reagent towards Methoxymandelonitriles (76, 1371 (1956)).

**Kenji Kaji:** Synthesis of Mixed Acyloins. VI. Structural Effects of Aromatic Rings on a Reaction of Methyl magnesium Iodide towards Aromatic Aldehyde Cyanohydrins (77, 851 (1957)).

**Kenji Kaji:** Synthesis of Mixed Acyloins. V. Behaviors of Methylmagnesium Iodide towards Related Compounds of Mandelic Acid (77, 855 (1957)).

**Kenji Kaji:** Synthesis of Mixed Acyloins. VI Behaviors of Grignard Reagents towards Alicyclic Ketone Cyanohydrins (77, 859 (1957)).

**Takachiyo Okuda and Shōzō Ogawa:** Studies on Alkylation with Mannich Bases III. Mannich Reaction of 2-Acetamidothiazoles (77, 445 (1957)).

**Takachiyo Okuda and (Miss) Kimiko Kuromiya:** Studies on Alkylation with Mannich Bases. IV. Alkylation with Mannich Bases of 2-Acetamidothiazoles (77, 448(1957)).

**Shin Matsuura:** Ring Closure of Chalcones to Flavanones in the Presence of Concentrated Orthophosphoric Acid. II. Ring Closure of Chalcones derived from Phloroglucinolmonomethyl Ethers (77, 296 (1957)).

**Shin Matsuura:** Ring Closure of Chalcones to Flavanones in the Presence of Concentrated Orthophosphoric Acid. III. Ring Closure of Chalcones derived from Phenol and Resorcinol (77, 298 (1957)).

**Shin Matsuura:** Ring Closure of Chalcones to Flavanones in the Presence of Concentrated Orthophosphoric Acid. VI. Ring Closure of Chalcones derived from Phloroglucinolbenzyl Ethers (77, 302 (1957)).

**Shin Matsuura:** Ring Closure of Chalcones to Flavanones in the Presence of Concentrated Orthophosphoric Acid. V. The Constitution of Ponkanetin (77, 328 (1957)).

**Shin Matsuura and Akira Matsuura:** Synthesis of 2'-Hydroxy-3' (and 5')-acetyl-4, 4'-dimethoxychalcone (77, 330(1957)).

**Shin Matsuura:** The Structure of Ponkanetin (Suppl.) (77, 702 (1957)).

(b) In "Pharmaceutical Bulletin."

**Shin Matsuura:** The Structure of Cryptostrobin and Strobopin, the Flavanones from the Heartwood of *Pinus strobus* (5, 195 (1957)).

(c) In "Culture of Ecchū and Hida."

**Yōki Ose and (Miss) Kazuko Ishiwata:** Studies about the States of Nutrition of Shirakawa Village (Great Family System) (5, 10 (1957)).

(d) In "The Research Bulletin of Gifu Women's Junior College."

**Yōki Ose and (Mrs.) Fumiko Takai:** Fundamental Studies on Cooking. I. (6, 1. (1957)).

## II. Articles to be Published in Scientific Journals

- (a) In "Journal of the Pharmaceutical Society of Japan".

**Kichitarō Takatori, Yasuo Yamada, Ryuichi Nakazawa and Toshio Arai:** Syntheses of Organic Fluorine Compounds. I. Synthesis of 5-Fluorobenzimidazole.

**Yosoji Itō, Kichitarō Takatori, Chiaki Moriwaki and Yasuo Yamada:** Syntheses of New Hypoglycemic Sulfonamides. I. Syntheses of New Hypoglycemic Sulfonamides Related to I. P. T. D.

- (b) In "the Journal of Japanese Botany."

**Shintarō Nomura:** Anatomical Studies on the Latex Vessel of *Asclepiadaceae*.

- (c) In "the Japanese Journal of Pharmacognosy."

**Takeshi Shimano and Shintarō Nomura:** Anatomical Studies on the Crude Drugs of Dioecism. I. On the *Trichosanthes Less.* (*Cucurbitaceae*).

**Takeshi Shimano and Shintarō Nomura:** Anatomical Studies on the Crude Drugs of Dioecism. II. On the *Rumex Linn.* (*Polygonaceae*).

- (d) In "the Journal of Home Economics."

**Yōki Ose and (Mrs.) Fumiko Takai:** Fundamental Studies on Cooking. II.

- (e) In "the Journal of Hygienic Chemistry."

**Yōki Ose, Tōshiro Kitamura, Shōzō Morishita and Akira Kinbara:** Studies on the Food-Taste of Children. II.

**Yōki Ose, Jirō Kitamura, Hayaki Niwa, Keiichi Inami, Yoshinori Watanabe and (Mrs.) Kanae Hayashi:** Fundamental Studies on the Environs of Schools. I.

**Yōki Ose, Heizō Takagi, Sueo Mori, Toku Kawaguchi and Shōzō Morishita:** Fundamental Studies on the Environs of Schools. II.

- (f) In "Culture of Ecchū and Hida."

**Yōki Ose:** Studies about the Folkloric Drugs using in Shirakawa Village.

## III. Articles to be Published in Treatises

- (a) In "the treatises dedicated to Yutaka Kunimatsu, Prof. of Aichi-Gakuin University, on the occasion of his 77th Birthday."

**Jinkichi Yoshida:** Studies on Credit Control of Selling.

## VI. Oral Reports in Scientific Society

- (a) In the 10th Annual Meeting of "the Pharmaceutical Society of Japan" (Apr, 1957).

**Etsuo Miyamichi and Yōki Ose:** Introduction of Folkloric Methode into the Studying of Pharmaceutical History.

**Takeshi Shimano and Shintarō Nomura:** Anatomical Studies on the Crude Drugs of Dioecism. III. On the *Humulus* (*Moraceae*).

**Yūzō Nagase and Ushiho Matsumoto:** Application of Naphthoquinone Derivatives as Organic Analytical Reagents. V. Electrophotometric Determination of Bismuth with Isonaphtazarine.

- (b) In the 10th Annual Meeting of "the Pharmaceutical Society of Japan"  
(Symposium of Biochemistry) (Apr. 1957).  
**Yōki Ose, Heizō Takagi, Sueo Mori, Toku Kawaguchi and Shōzō Morishita:** Fundamental Studies on the Environs of Schools. II.  
**Yosoji Itō, Chiaki Moriwaki, Risei Ui, Yasuo Gomi and Katsumi Wakabayashi**  
(Pharmaceutical Institute, Medical Faculty, University of Tokyo), **Kichitarō Takatori and Yasuo Yamada** (Gifu College of Pharmacy); Substances Effecting Endocrine Glands.....Hypoglycemic Sulfonamide Related to I. P. T. D.
- (c) In Ordinary Meeting of "the Tōkai Branch of the Pharmaceutical Society of Japan".  
**Takeshi Shimano, Mizuo Mizuno and (Miss) YumiKo Suzuki:** A Simple Method for Quantitative Determination of Rutin and Flavone Derivatives in the plants by the Filter Paper Photometer (July 1957).  
**Yūzō Nagase and Hirosni Kawai:** Quantitative Determination of Medicine by means of Ion Exchange Resin. III. Determination of Sodium Salicylate, Calcium Bromide and Dextrose Injection (Jan. 1957).  
**Yūzo Nagase, Hiroshi Kawai and Minoru Murata:** Quantitative Determination of Medicine by means of Ion Exchange Resin. VI. Determination of Ammonium Sulfate and Total Sulfur in Ichthammol (Jan. 1957).
- (d) In "the Society Japanese Biochemistry."  
**Isao Ishiguro:** On the Riboflavin and Fluorescent Substances in the Animal Skin Tissue (July 1957).
- (e) In "Nagoya University Medical Society".  
**Mamoru Sugiura.** On the Fluorescent Substances in the Rabbit Blood (May 1957).
- (f) In "the Society of Pharmacognosy of Japan" (Sep. 1957).  
**Takeshi Shimano and Shintarō Nomura:** Anatomical Studies on the Crude Drugs of Dioecism. VI. On the *Cannabis Linn.* (*Moraceae*).
- (g) In "Japan Vitamin Society".  
**Mamoru Sugiura:** On the Simple Preparative Method and its Application in the  $P^{32}$ -FMN and  $P^{32}$ -FAD.
- (h) In "Vitamin B Group Research Committee."  
**Mamoru Sugiura:** Studies on the Fluorescent Substances in the Blood. (Apr. 1957).  
**Mamoru Sugiura:** On the Significance of the Fluorecent Substances produced by the *Aspergillus Fungi* (Sep. 1957).
- (i) In the 2nd General Meeting of "Tōkai Branch of the Japan Home Economics" Association.  
**Yōki Ose and (Mrs.) Fumiko Takai:** Fundamental Studies on Cooking. III.
- (j) In the 3rd Meeting of "the Aichi-Gifu-Mie Linguistic Conference of English."  
**Kenzō Hasegawa:** Scientific Thoughts of Ancient & Medieval people Seen Through English Vocabulary (Feb. 1957).