

記 事

I. 総説と論説

- 1) **Proceedings of the second international symposium on Thiola**
AKIHIDE KODA, HIROICHI NAGAI and HIROSHI MORI : Effect of Thiola (MPG) on antibody (2nd report)(1, (1972)).
- 2) **Proceeding of the 4th Symposium on Drug Metabolism and Action.**
SHIKIFUMI KITAZAWA and HAJIME ITO : Effect of Glucose on Drug Absorption from the Small Intestine (p.11 (1972)).
- 3) **化学と薬学の教室 “Kagaku to Yakugaku no Kyoshitsu”**
 - (1) 小瀬洋喜 : 公害に関する十二章 (Ⅱ), 公害原因物質 (41, 93 (1973)).
YOUKI OSE : Twelve Items about Environmental Nuisance (Ⅱ), Pollutants (41, 93 (1973)).
 - (2) 小瀬洋喜 : 公害に関する十二章 (Ⅲ), 大気汚染 (42, 65 (1974)).
YOUKI OSE : Twelve Items about Environmental Nuisance (Ⅲ), Air Pollution (42, 65 (1974)).
 - (3) 小瀬洋喜 : 公害に関する十二章 (Ⅳ), 水質汚染 (43, 55 (1974)).
YOUKI OSE : Twelve Items about Environmental Nuisance (Ⅳ), Water Pollution (43, 55 (1974)).
 - (4) 小瀬洋喜 : 公害に関する十二章 (Ⅴ), 有毒・難分解性物質 (44, 59 (1974)).
YOUKI OSE : Twelve Items about Environmental Nuisance (Ⅴ), Poisonous, Non-decomposed Substances (44, 59 (1974)).
 - (5) 小瀬洋喜 : 公害に関する十二章 (Ⅵ), 悪臭 (45, 33 (1975)).
YOUKI OSE : Twelve Items about Environmental Nuisance (Ⅵ), Offensive Odor (45, 33 (1975)).
 - (6) 小瀬洋喜 : 公害に関する十二章 (Ⅶ), 産業廃棄物 (46, 43 (1975)).
YOUKI OSE : Twelve Items about Environmental Nuisance (Ⅶ), Industrial Wastes (46, 43 (1975)).
- 4) **薬学図書館 Pharmaceutical Library Bulletin**
鍛冶健司 (翻訳) : どのような型の構造——活性相関がドラッグデザインで成功するか? Karl H. Beyer, Jr. 著 (19, (2), 69 (1974)).
KENJI KAJI (Translation) : “What Type of Structure-Activity Correlation Succeeds in Drug Design?” by Karl H. Beyer, Jr. (J. Chem. Doc., 11, 131 (1971)).
- 5) **PPM “PPM”**
小瀬洋喜 : 佐藤孝彦, 森下正三, 加藤訓男 : 悪臭公害の処理と対策, 畜産悪臭対策の考え方と実際 (5, (10), 28 (1974)).
YOUKI OSE, TAKAHIKO SATO, SHOZO MORISHITA and NORIO KATO : Treatment and Control for Offensive Odor Pollution. Thinking way and Actual Condition for Manure Offensive Odor Control (5, (10), 28 (1974)).
- 6) **化学工場 “Kagakukojo” (Journal of Chemical Factory)**
小瀬洋喜 : 微生物作用の特徴と活性汚泥法の利点 (18, (8), 10 (1974)).

- YOUKI OSE : Character of Microbiol Action and Merits of Active Sludge Method (18, (8), 10 (1974)).
- 7) 水道公論 "The Suido Kouron"
小瀬洋喜 : 水処理剤の衛生的基準 (10, (3), 62 (1974)).
YOUKI OSE : Hygienic Standard of Water Treatment Chemicals (10, (3), 62 (1974)).
- 8) 健康教室 "Kenko Kyoshitsu" (Journal of School Health Education)
小瀬洋喜 : 水泳プールの衛生管理 (25, (8), 16 (1974)).
YOUKI OSE : Sanitation of Swimming Pool (25, (8), 16 (1974)).
- 9) 環境衛生 "Journal of Environmental Hygiene"
小瀬洋喜 : イギリスにおける水量規制, その総量規制への指向 (1, 1 (1974)).
YOUKI OSE : Control of Water Quality in England. Control of Total Pollutant Volume (1, 1 (1974)).
佐藤孝彦 : 総量規制 (1, 4 (1974)).
TAKAHIKO SATO : Total Pollutant Volume (1, 4 (1974)).
- 10) 粉体工学研究会誌 (Journal of the Research Association of Powder Technology, Japan)
川島嘉明 : カナダ国立研究所留学と微粒子に関する国際シンポジウム (11, 108 (1974)).
YOSHIKI KAWASHIMA : Studying at N. R. C. C. International Symposium on Fine Particles. (11, 108 (1974)).
- 11) 薬局 (The Journal of Practical Pharmacy) "Yakkyoku"
伊藤 元 : 消化管吸収の研究とその方法 (26, 315 (1975)).
HAJIME ITO : Methods for Studying Gastrointestinal Absorption of Drugs (26, 315 (1975)).
- 12) 医人薬人 (Ijinyakujin)
伊藤 元 : 内用剤と生体利用率 (24, (4), 4 (1975)).
HAJIME ITO : Oral Administration and Bioavailability of Pharmaceutical Preparations (24, (4), 4 (1975)).
- 13) ファルマシア "Farumashia"
川島嘉明 : British Pharmaceutical Conference, Nottingham 1974に参加して (11, 132 (1975)).
YOSHIKI KAWASHIMA : A report on the British Pharmaceutical Conference, Nottingham 1974 (11, 132 (1975)).

II. 研究論文

- 1) 薬学雑誌 "Yakugaku Zasshi" (Journal of the Pharmaceutical Society of Japan)
- (1) 松浦 信, 国井敏信, 飯沼宗和 : クミスクチン (*Orthosiphon stamineus* BENTH.) のフラボノイドについて (93, 1517 (1973)).
SHIN MATSUURA, TOSHINOBU KUNII and MUNEKAZU IINUMA : Studies on the Flavonoid of Kumis-Kuching (*Orthosiphon stamineus* BENTH.) (93, 1517 (1973)).
- (2) 豊吉一美, 森 幸雄, 馬場茂雄 : 発ガン性アゾ色素の研究 (第4報) ラット, マウスおよびハムスター肝による 3'-Methyl-4-dimethylaminoazobenzene (5'-³H) の代謝反応における種差に関する研究 (93, 1554 (1973)).
KAZUMI TOYOSHI, YUKIO MORI and SHIGEO BABA : Studies on Carcinogenic Azo Dyes. IV. Differences in the Metabolism of 3'-Methyl-4-dimethylaminoazobenzene (5'-³H) by the Liver Homogenate of Rat, Mouse, or Hamster (93, 1554 (1973)).
- (3) 松浦 信, 李 連滋, 飯沼宗和 : (*Boehmeria* sp.) の成分研究 (第1報) メヤブマオ (*Boehmeria planifolia* FRANCH. et SAV.) 根の成分について (93, 1682 (1973)).

SHIN MATSUURA, LAIN-TZE LEE and MUNEKAZU IINUMA : Studies on the Components of *Boehmeria* sp. I. Studies on the Components of the root of *Boehmeria platnifolia* FRANCH, et SAV.) (93, 1682 (1973)).

- (4) 松浦 信, 李 連滋 : (*Boehmeria* sp.) の成分研究 (第2報) 台湾産山芋麻根 (*Boehmeria frutescens* THUNB. var. *frutescens*) の成分について (94, 150 (1974)).

SHIN MATSUURA and LAIN-TZE LEE : Studies on the Components of the roots of *Boehmeria frutescens* THUNB. var. *frutescens* (94, 150 (1974)).

- (5) 堀 幹夫, 野崎正勝, 片岡 貞 : 10-Thiaänthracene類 (第2報) 9-Alkoxyphenyl-および9-Aryloxyphenyl-10-phenyl-10-Thiaänthracene 類の合成 (94, 466 (1974)).

MIKIO HORI, MASAKATSU NOZAKI and TADASHI KATAOKA : 10-Thiaänthracenes. II. Synthesis of 9-Alkoxyphenyl- and 9-Aryloxyphenyl-10-phenyl-10-thiaänthracenes (94, 466 (1974)).

- (6) 千田重男, 広田耕作, 大谷 脩 : ピリミジン誘導体とその関連化合物について (第21報) 5-Dimethylamino-6-methyl-4-oxodihydropyrimidine 誘導体の合成とその鎮痛消炎作用について (94, 571 (1974)).

SHIGEO SENDA, KOSAKU HIROTA and OSAMU OTANI : Pyrimidine Derivatives and Related Compounds. XII. Synthesis and Analgetic and Antiinflammatory Activities of 5-Dimethylamino-6-methyl-4-oxodihydropyrimidine Derivatives (94, 571 (1974)).

- (7) 松浦 信, 国井敏信 : フラボン誘導体の合成研究 (第2報) Cirsimaritin の合成 (94, 645 (1974)).

SHIN MATSUURA and TOSHINOBU KUNII : Synthetic Studies of the Flavone Derivatives. II. Synthesis of Cirsimaritin (94, 645 (1974)).

- (8) 石黒伊三雄, 内藤純子, 石倉明弘, 塩谷 正 : ラットにおける Anthranilamide の尿中代謝産物としての 3-OH- および 5-OH-Anthranilamide-O-Sulfate の単離と同定 (94, 1224 (1974)).

ISAO ISHIGURO, JUNKO NAITO, AKIHIRO ISHIKURA and TADASHI SHIOTANI : Isolation and Identification of 3-OH- and 5-OH- Anthranilamide-O-Sulfate as Urinary Metabolites of Anthranilamide in Rat (94, 1224(1974)),

- (9) 石黒伊三雄, 内藤純子, 篠原力雄, 石倉明弘 : Anthranilic Acid 投与ラットの尿中新代謝産物 2-Methyl-1, 2, 3, 4-tetrahydro-4-quinazolone の単離と同定 (94, 1232 (1974)).

ISAO ISHIGURO, JUNKO NAITO, RIKIO SHINOHARA and AKIHIRO ISHIKURA : Isolation and Identification of the 2-Methyl-1, 2, 3, 4-tetrahydro-4-quinazolone as a New Metabolite in the Urine of Anthranilic Acid Injected Rats. (94, 1232(1974)),

- (10) 鶺飼茂夫, 広瀬一雄 : 含硫カルコン誘導体の合成ならびにその生物活性について (第3報) *trans*-4-Nitrochalcone Oxide とチオフェノールとの反応における付加成績体の Diastereomeric Form について (94, 1296 (1974)).

SHIGEO UKAI and KAZUO HIROSE : Synthesis and Biological Activity of Sulfur Containing Derivatives of Chalcone. III. The Diastereomeric Form of an Adduct in the Reaction of *trans*-4-Nitrochalcone Oxide with Thiophenol (94, 1296 (1974)).

- (11) 堀 幹夫, 片岡 貞, 清水 洋, 吉村昌治 : Thiazulene 類に関する研究 (第1報) 2-Thiazulenylium Salt 類の合成 (94, 1429 (1974)).

MIKIO HORI, TADASHI KATAOKA, HIROSHI SHIMIZU and SHOJI YOSHIMURA : Thiazulenes. I. Synthesis of 2-Thiazulenylium Salts (94, 1429 (1974)).

- (12) 堀 幹夫, 片岡 貞, 清水 洋, 吉村昌治 : Thiazulene 類に関する研究 (第2報) 2-Thiazulenylium Salt 類と求電子試薬の反応 (94, 1445 (1974)).

MIKIO HORI, TADASHI KATAOKA, HIROSHI SHIMIZU and SHOJI YOSHIMURA : Thiazulenes. II. Reactions of 2-Thiazulenylium Salts with Electrophilic Reagents (94, 1445 (1974)).

74)).

- (13) 堀 幹夫, 片岡 貞, 清水 洋, 吉村昌治: Thiaäzulene 類に関する研究 (第3報) 2-Thiaäzulenyl-ium Salt 類と求核試薬の反応 2-Aryl-2-thiaäzulene 類の合成 (94, 1452 (1974)).

MIKIO HORI, TADASHI KATAOKA, HIROSHI SHIMIZU and SHOJI YOSHIMURA: Thia-äzulenenes. III. Reactions of 2-Thiaazulenyl-ium Salts with Nucleophili Reagents. Syntheses of 2-Aryl-2-thiaazulenenes (94, 1452 (1974)).

- (14) 堀 幹夫, 藤村 一, 増田 亨, 沢 陽一: 鎮痛剤の合成研究 (第1報), 1, 2, 3, 4-Tetrahydro-5H-2-benzazepine 誘導体の合成 (95, 131 (1975)).

MIKIO HORI, HAJIME FUJIMURA, TORU MASUDA and YOICHI SAWA: Studies on the Syntheses of Analgesics. I. Synthesis of 1, 2, 3, 4-Tetrahydro-5H-2-benzazepine Derivatives (95, 131 (1975)).

- (15) 堀 幹夫, 片岡 貞, 清水 洋, 吉村昌治: 10-Thiaänthracene 類 (第3報) 1位に塩基性基を有する 10-Phenyl-10-thiaänthracene 類の合成 (95, 138 (1975)).

MIKIO HORI TADASHI KATAOKA, HIROSHI SHIMIZU and SHOJI YOSHIMURA: 10-Thiaanthracenes. III. Syntheses of 10-Phenyl-10-thiaanthracenes Having a Basic Group at 1 Position (95, 138 (1975)).

- (16) 沢 陽一, 加藤武司, 増田 亨, 堀 幹夫, 藤村 一: 鎮痛剤の合成研究 (第2報) 1, 2, 3, 4, 5, 6-Hexahydro-3-benzazocine 誘導体の合成 その1 (95, 251 (1975)).

YOICHI SAWA, TAKESHI KATO, TORU MASUDA, MIKIO HORI and HAJIME FUJIMURA: Studies on the Syntheses of Analgesics. II. Synthesis of 1, 2, 3, 4, 5, 6-Hexahydro-3-benzazocine Derivatives. (1) (95, 251 (1975)).

- (17) 沢 陽一, 加藤武司, 森本 明, 増田 亨, 堀 幹夫, 藤村 一: 鎮痛剤の合成研究 (第3報) 1, 2, 3, 4, 5, 6-Hexahydro-3-bezazocine 誘導体の合成 その2 (95, 261 (1975)).

YOICHI SAWA, TAKESHI KATO, AKIRA MORIMOTO, TORU MASUDA, MIKIO HORI and HAJIME HUIJIMURA: Studies on the Syntheses of Analgesics. III. Synthesis of 1, 2, 3, 4, 5, 6-Hexahydro-3-benzazocine Derivatives. (2) (95, 261 (1975)).

- (18) 鵜飼茂夫, 広瀬一雄, 茅野正利: 含硫カルコン誘導体の合成ならびにその生物活性について (第4報) Thioaurone 類の新合成法 (95, 299 (1975)).

SHIGEO UKAI, KAZUO HIROSE and MASATOSHI KAYANO: Synthesis and Biological Activity of Sulfur Containing Derivatives of Chalcone. IV. A Novel Method of the Synthesis of Thioaurones (95, 299 (1975)).

2) Chemical and Pharmaceutical Bulletin (Tokyo)

- (1) TOKISHI HAYASHI, CHIEKO TAGI, SHINJI OHGAKI, SATOSHI KAWAI and TAKEO OHNO: Fluorometric Determination of Urinary Phosphate with 3-Hydroxy-3',4'-dimethoxyflavone-magnesium System (21, 2141 (1973)).

- (2) YOSHIFUMI MAKI, TAKASHI MASUGI, TOKIYUKI HIRAMITSU and TARO OGISO: Studies on Alicyclic α -Amino Acids. III. Synthesis and Biological Evaluation of 3-Amino-1,2,3,4-tetrahydrocarbazole-3-carboxylic Acids (21, 2460 (1973)).

- (3) YOSHIFUMI MAKI, TAKASHI MASUGI and KOJI OZEKI: Studies of Alicyclic α -Amino Acids IV. Conformational Analysis of Alicyclic α -Amino Acids, and Stereochemistry of the Bucherer and the Strecker Reactions (21, 2466 (1973)).

- (4) HARUAKI YAJIMA, KOUKI KITAGAWA and MASAYUKI KUROBE: Studies on Peptides XXXVII. Suppressed Racemization in Peptide Synthesis by the Use of p-Chloro or p-Nitroben-

- zenesulfohydroxamic Acid (21, 2566 (1973)).
- (5) YUKIO MORI, KAZUMI TOYOSHI and SHIGEO BABA : Studies on Carcinogenic Azo Dyes. III. Retention of Tritium during Enzymatic Hydroxylation of 3'-Methyl-4-dimethylaminoazobenzene ($4'$ - ^3H , or $5'$ - ^3H) or Chemical Substitutions of the Related Compound, and the Effect of the Repeated Administration of This Azo Dye on the Retention of Tritium (21, 2577 (1973)).
 - (6) SHIN MATSUURA, TOSHINOBU KUNII and AKIRA MATSUURA : Synthetic Studies of the Flavone Derivatives. I. Synthetic of Cirsiliol and Cirsilineol (21, 2757 (1973)).
 - (7) MIKIO HORI, TADASHI KATAOKA and CHEN-FU HSÜ : Selenabenzenes. I. Synthesis of 10-Selenaanthracene Derivatives (22, 15 (1974)).
 - (8) MIKIO HORI, TADASHI KATAOKA and CHEN-FU HSÜ : Selenoxanthylum Salts. I. Nitration of 9-Phenylselenoxanthylum Perchlorate (22, 21 (1974)).
 - (9) MIKIO HORI, TADASHI KATAOKA, CHEN-FU HSÜ, YUTAKA ASAHI and EIJI MIZUTA : Selenoxanthylum Salts. II. Chemical Reactivity of 9-Phenylselenoxanthylum Perchlorate (22, 27 (1974)).
 - (10) MIKIO HORI, TADASHI KATAOKA, HIROSHI SHIMIZU, CHEN-FU HSÜ, YUTAKA ASAHI and EIJI MIZUTA : Selenabenzenes. II. Reaction Mechanism of 9-Phenylselenoxanthylum Salt with Organometallic Reagents. On 10-Selenaanthracene and Selenoxanthene Derivatives (22, 32 (1974)).
 - (11) SHIGEO SENDA, KOSAKU HIROTA and TETSUJI ASAO : Pyrimidine Derivatives and Related Compounds. XIX. Synthesis and Analgetic and Antiinflammatory Activities of 1,3-Substituted 5-Dimethylaminouracil Derivatives (22, 189 (1974)).
 - (12) YOSHIFUMI MAKI, MIKIO SUZUKI and MASAHIRO TAKAYA : The Ring Contraction of Pyridazinones to Pyrazoles VII. (22, 229 (1974)).
 - (13) SHIGEO UKAI, KAZUO HIROSE, TADASHI KIHO and CHIHIRO HARA : Polysaccharides in Fungi. I. Purification and Characterization of Acidic Heteroglycans from Aqueous Extract of *Tremella fuciformis* BERK (22, 1102 (1974)).
 - (14) SHIGEO SENDA, KOSAKU HIROTA and JIYOJI NOTANI : Pyrimidine Derivatives and Related Compounds. XX. Synthesis and Analgetic and Antiinflammatory Activities of 1,3-Disubstituted 5-Dialkylaminomethyluracil Derivatives (22, 1179 (1974)).
 - (15) TOKISHI HAYASHI, SATOSHI KAWAI, TAKEO OHNO, YOICHI IITAKA and TOSHIO AKIMOTO : Fluorometric Study on the Metal Chelates of Flavone Derivatives. (III). Crystal Structures of 4'-Bromo-3-hydroxyflavone and 4'-Bromo-5-hydroxyflavone (22, 1219 (1974)).
 - (16) YOSHIFUMI MAKI, TOKIYUKI HIRAMITSU and MIKIO SUZUKI : Studies on the Smiles Rearrangement XIV. Novel Reactions of 1,3-Dimethyl-5-nitro-6-chlorouracil with 2-Aminothiophenol (22, 1265 (1974)).
 - (17) YOSHIFUMI MAKI, MIKIO SUZUKI, KEIJI IZUTA and SHUNJI IWAI : Photochemical Synthesis of Condensed Triazole-N-oxides (22, 1269 (1974)).
 - (18) SHIGEO SENDA and KOSAKU HIROTA : Pyrimidine Derivatives and Related Compounds. XXI. Synthesis and Pharmacological Properties of 7-Deazaxanthine Derivatives (22, 1459 (1974)).
 - (19) MIKIO HORI, TADASHI KATAOKA, HIROSHI SHIMIZU and MICHIIHIRO MIYAGAKI : Dibenzothiophenes and Related Compounds. I. Reactions of 5-Substituted Dibenzothiophenium Salts with Organolithiums (22, 1711 (1974)).

- (20) MIKIO HORI, TADASHI KATAOKA, HIROSHI SHIMIZU and MICHIIRO MIYAGAKI : Dibenzothiophenes and Related Compounds, III. Reactions of 10-Substituted 9,9-Dimethylthioxanthenium and 5-Substituted Dibenzothiophenium Salts with Organolithiums (22, 2004 (1974)).
- (21) MIKIO HORI, TADASHI KATAOKA, HIROSHI SHIMIZU, MICHIIRO MIYAGAKI and MASAO MURASE : Dibenzothiophenes and Related Compounds, IV. Reactions of 5-Substituted 10,11-Dihydrodibenzo [b,f] thiepinium Salts with Aryllithiums (22, 2014 (1974)).
- (22) MIKIO HORI, TADASHI KATAOKA, HIROSHI SHIMIZU and MICHIIRO MIYAGAKI : Dibenzothiophenes and Related Compounds, V. Reactions of 5-Substituted Dibenzothiophenium Salts with Organometallic Reagents (22, 2020 (1974)).
- (23) MIKIO HORI, TADASHI KATAOKA, HIROSHI SHIMIZU, MICHIIRO MIYAGAKI and TAKASHI TAKAGI : Dibenzothiophenes and Related Compounds, VI. Reactions of Cyclic Sulfonium Salts with Sodium Alkoxides and Benzenethiolate in Alcohols (22, 2030 (1974)).
- (24) MIKIO HORI, TADASHI KATAOKA and HIROSHI SHIMIZU : Stability of Thiabenzenes (22, 2485 (1974)).
- (25) SHIGEO SENDA and KOSAKU HIROTA : Pyrimidine Derivatives and Related Compounds, XXIII. Synthesis and Pharmacological Properties of 9-Deazaxanthine Derivatives (22, 2593 (1974)).
- (26) MIKIO HORI, TADASHI KATAOKA, HIROSHI SHIMIZU and SOJI SUGAI : A New Synthesis of S-Arylthiabenzene Analogues using Grignard Reaction (22, 2752 (1974)).
- (27) MIKIO HORI, TADASHI KATAOKA, HIROSHI SHIMIZU, HEIJI HORI and SOJI SUGAI : Stable S-Alkylthiabenzenes. Synthesis of 2-Methyl-1-phenyl-2-thianaphthalene (22, 2754 (1974)).
- (28) SHIGEO SENDA and KOSAKU HIROTA : Pyrimidine Derivatives and Related Compounds, XXIV. Synthesis of N-Substituted 6-Formyl-2,4-dioxo-1,2,3,4-tetrahydropyrrolo [2,3-d] pyrimidine Derivatives and Related Compounds (22, 2921 (1974)).
- (29) ISAO ISHIGURO, RIKIO SHINOHARA, AKIHIRO ISHIKURA and JUNKO NAITO : Formation of the Red Neotetrazolium Formazan by Reduced Nicotinamide Adenine Dinucleotide Phosphate-Cytochrome c Reductase in the Presence of Triton X-100 (22, 2935 (1974)).
- (30) MAMORU SUGIURA, AKIRA ITO, TARO OGISO and KENJI KATO : Studies on Dextranase, V. Activation of Dextranase from *Penicillium funiculosum* IAM 7013 by Co^{2+} (22, 2953 (1974)).
- (31) MIKIO HORI, TADASHI KATAOKA and HIROSHI SHIMIZU : Reactions of Organometallic Reagents with 2-Thiochromene 2-Oxides. A New Method of Synthesis of S-Arylthiabenzene Analogues (23, 243 (1975)).
- (32) HARUAKI YAJIMA, HIROSHI OGAWA, HIDEHIKO WATANABE, NOBUTAKA FUJII, MASAYUKI KUROBE and SEIJI MIYAMOTO : Studies on Peptides XLVIII. Application of the Trifluoromethanesulphonic Acid to the Synthesis of Tuftsin (23, 371 (1975)).
- 3) 東京薬科大学研究年報 "Tokkyo Yakka Daigaku Kenkyu Nempo" (The Annual Report of the Tokyo College of Pharmacy)
- 杉浦 衛, 磯部正和, 浅野 弘, 小木曾太郎 : 酵素剤の分別定量に関する研究 (第10報) 脛リパーゼと微生物リパーゼの分別定量法について (21, 28 (1971)).
- MAMORU SUGIURA, MASAKAZU ISOBE, HIROSHI ASANO and TARO OGISO : Studies on Separative Determination of Enzymes X. Separative Determination of Pancreatic Lipase

from Microbial Lipase. (21, 28 (1971)).

4) 岐阜薬科大学紀要 "Gifuyakkadaigaku kiyou" (The Annual Proceedings of Gifu College of Pharmacy)

- (1) 松浦 信, 松浦 暘, 鈴木澄夫: 3, 6-Dihydroxy-2, 4-dimethoxy acetophenone の合成法について (22, 1 (1974)).

SHIN MATSUURA, AKIRA MATSUURA and SUMIO SUZUKI: A Synthesis of 3,6-Dihydroxy-2,4-dimethoxy acetophenone (22, 1 (1974)).

- (2) 石黒伊三雄, 篠原力雄, 太田好次: 数種哺乳動物のトリプトファン代謝の酵素活性と尿中代謝産物に関する研究 (22, 3 (1974)).

ISAO ISHIGURO, RIKIO SHINOHARA and YOSHIJI OHTA: Studies on Urinary Metabolites and Enzymic Activity of Tryptophan Metabolism of Several Mammals (22, 3 (1974)).

- (3) 小瀬洋喜, 鵜飼春夫, 佐々木佳子, 池田 坦, 関谷みど里, 中島祚禎子, 赤木洋勝, 中室克彦, 森崎信夫, 石川哲也, 船坂鐸三, 田中陽子, 白木和子, 丹羽早起, 井上 浩: 大気汚染にもとづく公害に関する研究 (第6報), 岐阜市内の自動車による交通公害 (22, 16 (1974)).

YOUKI OSE, HARUO UKAI, KEIKO SASAKI, TAIRA IKEDA, MIDORI SEKIYA, SOYOKO NAKAJIMA, HIROKATSU AKAGI, KATSUHIKO NAKAMURO, NOBUO MORISAKI, TETSUYA ISHIKAWA, RYOZO FUNASAKA, YOKO TANAKA, KAZUKO SHIRAKI, HAYAKI NIWA and HIROSHI INOUE: Studies on Public Nuisance Caused by Air Pollution (VI) Environmental Pollution Caused by Traffic in Gifu City (22, 16 (1974)).

- (4) 吉田甚吉: わが国医薬品工業の新薬開発力について (23, 1 (1974)).

JINKICHI YOSHIDA: The Capacity for New Drug Research and Development of Japanese Pharmaceutical Industry (23, 1 (1974)).

- (5) 小瀬洋喜, 鵜飼春夫, 佐藤孝彦, 佐々木佳子, 関谷みど里, 石川哲也, 船坂鐸三, 福山丈二, 吉岡義正, 田中礼子: 大気汚染にもとづく公害に関する研究 (第7報), 道路上の一酸化炭素濃度分布 (23, 9 (1974))

YOUKI OSE, HARUO UKAI, TAKAHIKO SATO, KEIKO SASAKI, MIDORI SEKIYA, TETSUYA ISHIKAWA, RYOZO FUNASAKA, JOJI FUKUYAMA, YOSHIMASA YOSHIOKA and REIKO TANAKA: Studies on Public Nuisance Caused by Air Pollution (VII) CO-distribution on the Roads (23, 9 (1974)).

- (6) 中神 勝, 西田弘之, 山中市衛, 中村 亮, 武藤紀久, 小谷諒夫: 児童, 生徒の発育, 発達に関する研究—岐阜県下山間部僻地児童, 生徒について— (23, 17 (1974)).

MASARU NAKAGAMI, HIROYUKI NISHIDA, ICHIE YAMANAKA, NORIHISA MUTO, AKIO KOTANI: A Study of the Physical Growth and Development of School Children and Pupils -Of the school children and pupils in the remote mountainous region of Gifu Prefecture- (23, 17 (1974)).

5) *Biochimica et Biophysica Acta*

- (1) MAMORU SUGIURA, TARO OGISO, YAZUYUKI TAKEUTI and SUMIHIRO TAMURA: Studies on Trypsin Inhibitors in Sweet Potato. I. Purification and Some Properties (328, 407 (1973)).
- (2) ISAO ISHIGURO, JUNKO NAITO, RIKIO SHINOHARA, AKIHIRO ISHIKURA and TAKAO TERAJ: Isolation and Properties of Protein Component as Activator for Anthranilamide Hydroxylation in Rat Liver (365, 148 (1974)).

6) *Chemistry Letters*

- (1) MIKIO HORI, TADASHI KATAOKA and HIROSHI SHIMIZU: Reactions of 9-Phenyl-thioxan-

thene 10-Oxide with Organometallic Reagents (1974, 1073)).

(2) MIKIO HORI, TADASHI KATAOKA, HIROSHI SHIMIZU, KEN'ICHI NARITA, SACHIO OHNO and HARUMI AOKI : Synthesis and Reactions of Ylidic Thiabenzenes (1974, 1101)).

(3) MIKIO HORI, TADASHI KATAOKA and HIROSHI SHIMIZU : Synthesis of 10-Substituted 9-Phenylthioxanthenium Salts and Their Reactions with Bases (1974, 1117)).

7) **Heterocycles**

SHIGEO SENDA, KOSAKU HIROTA and TETSUJI ASAO : Dealkylation of 1-*sec*-Alkyl-6-carbamoyl (or cyano)-3-methyluracils under Acidic Conditions (3, 213 (1975)).

8) **Journal of American Chemical Society**

(1) HAROLD HART and MASAYUKI KUZUYA : Evidence Concerning the Structure of $(\text{CH})_5^+$ -Type Carbonium Ions (94, 8958 (1972)).

(2) HAROLD HART and MASAYUKI KUZUYA : Degenerate rearrangements of Bicyclo(3.2.1) octa-3,6-dien-2-yl Cations (95, 4096 (1973)).

(3) HAROLD HART and MASAYUKI KUZUYA : The Mechanism of Certain Intramolecular $[\pi^2+\pi^2]$ Cycloaddition (96, 3709 (1974)).

(4) HAROLD HART and MASAYUKI KUZUYA : Preparation and reaction of a Bis-Homo- $(\text{CH})_5^+$ -Type Carbocation (96, 6436 (1974)).

9) **Journal of Biochemistry**

(1) TARO OGISO, SOMIHIRO TAMURA, YOSHIO KATO and MAMORU SUGIURA : Studies on Trypsin Inhibitors in Sweet Potato. II. Modification of Amino Acid Residues in Inhibitor III (76, 147 (1974)).

(2) SHINICHI HAYASHI, TAKEHIKO TANAKA, JUNKO NAITO and MASAMI SUDA : Dietary and Hormonal Regulation of Serine Synthesis in the Rat (77, 207 (1975)).

10) **Journal of The Chemical Society Chemical Communications**

SHIGEO SENDA and KOSAKU HIROTA : A New Type of Nucleophilic Substitution with a Concomitant Migration to an Allylic Position, From 5-Bromo-6-methyluracils to 6-(Substituted methyl) uracils (483 (1974)).

11) **J. Chem. Soc. Perkin I**

YOSHIFUMI MAKI, MIKIO SUZUKI, TORU HOSOKAMI and TAKASHI FURUTA : Photochemistry of N-Acyl-2-nitrodiphenylamines. Photochemical Synthesis of Phenazine-N-oxides (1354 (1974)).

12) **Journal of Chromatography**

SHUNSUKE KAGEHIRA, SATOSHI KAWAI, TAKEO OHNO, HIDEKO ISHIHARA and HIROH IKEZAWA : A Rapid Modified Gas Chromatographic Assay for Esterase Activity. (109, 21 (1975)).

13) **Journal of Organic Chemistry**

SHIGEO SENDA, KOSAKU HIROTA and TETSUJI ASAO : Pyrimidine Derivatives and Related Compounds. XXV. The Synthesis of 6-Cyanouracil Derivatives and the Conversion of 6-Cyano-1,3-dimethyluracil to 5-Cyano Compound (40, 353 (1975)).

14) **Journal of Pharmaceutical Sciences**

YOSHIKI KAWASHIMA and HIDEO TAKENAKA : Reduced Acid-Neutralizing Velocity of Spray-Dried Agglomerated Magnesium Carbonate (63, 1546 (1974)).

15) **Journal of Pharmacy and Pharmacology**

- (1) YOSHIAKI KAWASHIMA and C. EDWARD CAPES : Kinetics of Microagglomeration in Liquid Suspension (26, Suppl. 71 (1974)).
- (2) YOSHIAKI KAWASHIMA, MASARU SAITO and HIDEO TAKENAKA : Improvement of Solubility and Dissolution Rate of Poorly Water-Soluble Salicylic Acid by a Spray-Drying Technique (27, 1, (1975)).
- 16) Nagoya Mathematical Journal
- (1) AKIO OSADA : On The Distribution of Zeros of A Strongly Annular Function (56, 13-17, (1974)).
- (2) AKIO OSADA : On A Problem of Bonar Concerning Fatou Points For Annular Functions (57, 163-170, (1974)).
- 17) Pacific Journal of Mathematics
- AKIO OSADA : On Unicity of Capacity Functions (28, 151-155, (1969)).
- 18) Powder Technology
- YOSHIAKI KAWASHIMA and C. EDWARD CAPES : An Experimental Study of the Kinetics of Spherical Agglomeration in a Stirred Vessel (10, 85 (1974)).
- 20) Tetrahedron Letters
- (1) MASAYUKI KUZUYA and HAROLD HART : On the Question of 1,2-Bridge Shift in Bicyclo (3.2.1) octadien-2-yl Cations, and a Cautionary Note on Rapid Processes Concealed from nmr Detection (40, 3887 (1973)).
- (2) MASAYUKI KUZUYA and HAROLD HART : Mechanism of the Rearrangement of Bicyclo (3.2.1) octadien-2-yl Cations to Bicyclo (3.3.0) octadien-2-yl Cations (40, 3891 (1973)).
- (3) HAROLD HART and MASAYUKI KUZUYA : The Rearrangement of A Bis- Homo-(CH)₅⁺ Cation (42, 4123 (1973)).
- (4) HAROLD HART and MASAYUKI KUZUYA : The Photoisomerization of 2-Methylenebicyclo (3.2.1) octa-3,6-dienes; Intramolecular Allene Cycloadditions (22, 1909 (1974)).
- (5) HAROLD HART and MASAYUKI KUZUYA : Competitive Processes in 1,4-Diradicals (22, 1913 (1974)).
- (6) SHIGEO SENDA, KOSAKU HIROTA and KAZUO BANNO : Ring Contraction of Uracils to Hydantoins (3087 (1974)).
- (7) YOSHIFUMI MAKI, MIKIO SUZUKI, TAKASHI FURUTA, TOKIYUKI HIRAMITSU and MASAYUKI KUZUYA : Photochemistry of Mesoionic Pyridazines (47, 4107 (1974)).
- 21) 悪臭の研究 "Odor Control Association Journal"
- (1) 小瀬洋喜, 佐藤孝彦, 加藤訓男 : 悪臭に関する研究 (第1報), 悪臭環境の理化学的測定と官能試験 (4, (16), 27 (1974)).
- YOUKI OSE, TAKAHIKO SATO and NORIO KATO : Studies on Evaluation and Control of Offensive-Odor (I) Chemical Measurement and Sensible Tests for Offensive-Odor in Environment (4, (16), 27 (1974)).
- (2) 小瀬洋喜, 森下正三, 佐藤孝彦, 石川哲也, 井上 浩 : 悪臭の評価と対策に関する研究 (第2報), 畜産公害対策の体系化 (4, (17), 32 (1974)).
- YOUKI OSE, SHOZO MORISHITA, TAKAHIKO SATO, TETSUYA ISHIKAWA and HIROSHI INOUE : Studies on Evaluation and Control of Offensive-Odor (II) Systematization of Manuere Pollution Control (4, (17), 32 (1974)).
- (3) 森下正三, 小瀬洋喜, 佐々木佳子, 浅野 宏, 北尾俊一, 大熊一郎, 伝 興亀, 関 義信 : 悪臭の評価と対策に関する研究 (第3報), 鶏ふん乾燥排気の脱臭装置 (4, (19), 38 (1975)).

SHOZO MORISHITA, YOUKI OSE, KEIKO SASAKI, HIROSHI ASANO, SHUNICHI KITAO, ICHIRO OUKUMA, KOUKI DEN and YOSHINOBU SEKI: Studies on Evaluation and Control of Offensive-Odor (Ⅲ) Deodorant Apparatus for the Exhaust Air from the Fowls Excrement Dryer (4, (19), 38 (1975)).

22) アレルギー (Japanese journal of allergology)

- (1) 江田昭英, 永井博式, 渡辺茂勝, 団迫 裕, 井上吉郎, 坂本憲市, 中神啓仁: 35-NZ の抗アレルギー作用について (22, 640 (1973)).

AKIHIDE KODA, HIROICHI NAGAI, SHIGEKATSU WATANABE, YUTAKA DANSEKO, KICHIRO INOUE, KENICHI SAKAMOTO and KEIJI NAKAGAMI: Anti-allergic action of 35-NZ (22, 640 (1973)).

- (2) 江田昭英, 永井博式, 渡辺茂勝, 森 裕志, 島沢 司, 井上吉郎: 2, 4'-Dimethyl-3-piperidino-propiphenone · HCl (Mydocalm) の抗アレルギー作用 (23, 20 (1974)).

AKIHIDE KODA, HIROICHI NAGAI, SHIGEKATSU WATANABE, HIROSHI MORI, TSUKASA SHIMAZAWA and KICHIRO INOUE: Anti-allergic action of 2,4'-dimethyl-3-piperidino-propiphenone · HCl (Mydocalm) (23, 20 (1974)).

23) 衛生化学 "Eisei Kagaku" (The Journal of Hygienic Chemistry)

- (1) 小瀬洋喜, 船坂録三, 佐藤孝彦: し尿処理に関する研究 (第4報), し尿中におけるBOD成分としての揮発性脂肪酸の消長 (19, 239 (1973)).

YOUKI OSE, RYOZO FUNASAKA and TAKAHIKO SATO: Studies on the Treatment of Night Soil (Ⅳ) Transition of Volatile Fatty Acids as a Component of BOD Substances in Feces and Sewage (19, 239 (1973)).

- (2) 小瀬洋喜, 中室克彦, 杉浦 衛: し尿処理に関する研究 (第5報), Alkali Proteinase 処理によるし尿成分の変化 (19, 264 (1973)).

YOUKI OSE, KATSUHIKO NAKAMURO and MAMORU SUGIURA: Studies on the Treatment of Night Soil (Ⅴ) Changes of the Ingredients of Feces and Sewage by Alkali Proteinase Treatment (19, 264 (1973)).

- (3) 石川哲也, 小瀬洋喜, 佐藤孝彦: し尿処理に関する研究 (第6報), 無希釈し尿の好気性処理施設の浄化機構 (19, 277 (1973)).

TETSUYA ISHIKAWA, YOUKI OSE and TAKAHIKO SATO: Studies on the Treatment of Night Soil (Ⅵ) Degradation on Treatment Plant of Non-diluted Night Soil by Aerobic Digestion (19, 277 (1973)).

- (4) 鶴飼茂夫, 広瀬一雄, 河瀬章司: 薬物の裁判化学的研究 (第1報) 水性除草剤中における Diquat ならびに Paraquat のガスクロマトグラフィーによる定量 (19, 281 (1973)).

SHIGEO UKAI, KAZUO HIROSE and SHŌZI KAWASE: Forensic Chemical Studies on Drugs. I. Determination of Diquat and Paraquat in Aqueous Herbicide Preparations by Gas Chromatography (19, 281 (1973)).

- (5) 小瀬洋喜, 福山文二, 佐藤孝彦, 生稻保二, 佐藤鋭一: 畜舎排水処理に関する研究 (第1報), 豚舎汚水の高濃度好気性処理 (19, 302 (1973)).

YOUKI OSE, JOJI FUKUYAMA, TAKAHIKO SATO, YASUJI IKUINE and EIICHI SATO: Studies on the Treatment of Animal Excreta (Ⅰ) Treatment of High-Concentration Swine Waste by Aerobic Digestion (19, 302 (1973)).

- (6) 中室克彦, 佐谷戸安好, 外村正治, 小瀬洋喜: セレン関連化合物に関する研究 (第3報), セレン酸ナトリウムの急性ならびに亜急性毒性について その1 (20, 29 (1974)).

KATSUHIKO NAKAMURO, YASUYOSHI SAYATO, MASA HARU TONOMURA and YOUKI

OSE : Studies on Selenium Related Compounds (Ⅲ) Acute and Subacute Toxicity of Sodium Selenate(1) (20, 29 (1974)).

- (7) 中室克彦, 佐谷戸安好, 外村正治, 小瀬洋喜: セレン関連化合物に関する研究(第4報), セレン酸ナトリウムの急性ならびに亜急性毒性について その2 (20, 75 (1974)).

KATSUHIKO NAKAMURO, YASUYOSHI SAYATO, MASAHARU TONOMURA and YOUKI OSE : Studies on Selenium Related Compounds (Ⅳ) Acute and Subacute Toxicity of Sodium Selenate(2) (20, 75 (1974)).

- (8) 佐藤孝彦, 小瀬洋喜: 活性汚泥の凝集原因物質に関する研究(第1報), 活性汚泥中でのPoly- β -hydroxybutyric Acid の生成 (20, 310 (1974)).

TAKAHIKO SATO and YOUKI OSE : Studies on Floc-Forming Substances in Activated Sludge (I) Production of Poly- β -hydroxybutyric Acid in Activated Sludge (20, 310 (1974)).

- (9) 小瀬洋喜, 船坂鏝三, 中島祚紓子, 佐藤孝彦: 長良川の異臭魚に関する研究(第1報), 異臭魚の生息水域と水質 (21, 9 (1975)).

YOUKI OSE, RYOZO FUNASAKA, SOYOKO NAKAJIMA and TAKAHIKO SATO : Studies on the Offensive-Odor Fish of the Nagara River I. The Basin and its Water Quality Living the Offensive-Odor Fish (21, 9 (1975)).

- (10) 小瀬洋喜, 船坂鏝三, 佐藤孝彦: 長良川異臭魚に関する研究(第2報), 異臭原因物質としての揮発性脂肪酸 (21, 28 (1975)).

YOUKI OSE, RYOZO FUNASAKA and TAKAHIKO SATO : Studies on the Offensive-Odor Fish of the Nagara River II. Volatile Fatty Acids as One of the Offensive-Odor Substances (21, 28 (1975)).

24) 岐阜女子短期大学研究紀要 The Research Bulletin of Gifu Womans Junior College

- (1) 吉川周子, 久富康子, 吉原壮三郎, 中村 亮, 小倉ひでみ, 武藤紀久, 岡島多美子, 後藤和子, 永田捷一, 中神 勝, 小谷諒夫, 山中市衛, 西田弘之, 岡田 勇: 岐阜県における僻地住民の栄養学的ならびに衛生学的研究 II 春日村について(第2報) 抽出世帯の栄養摂取状況について(その2) (23, 73 (1973)).

SHUKO YOSHIKAWA, YASUKO KUTOMI, SOZABURO YOSHIHARA, MAKOTO NAKAMURA, HIDEMI OGURA, NORIHISA MUTO, TAMIKO OKAJIMA, KAZUKO GOTO, SHOICHI NAGATA, MASARU NAKAGAMI, AKIO KOTANI, ICHIE YAMANAKA, HIROYUKI NISHIDA, ISAMU OKADA : Nutritional and Hygienical Studies on the Inhabitants of Remote Places in Gifu Prefecture II. On Kasuga Village (Part 2.No.2) On the Nutrition Intake of the Sampling Families in Kasuga Village (23, 73 (1973)).

- (2) 吉原壮三郎, 小倉ひでみ, 岡島多美子, 中村 亮, 吉川周子, 武藤紀久, 後藤和子, 久富康子, 永田捷一, 中神 勝, 小谷諒夫, 山中市衛, 西田弘之, 岡田 勇: 岐阜県における僻地住民の栄養学的ならびに衛生学的研究 II 春日村について(第3報その2) 抽出家庭の成人の身体状況ならびに血液所見について (23, 95 (1973)).

SOZABURO YOSHIHARA, HIDEMI OGURA, TAMIKO OKAJIMA, MAKOTO NAKAMURA, SHUKO YOSHIKAWA, NORIHISA MUTO, KAZUKO GOTO, YASUKO KUTOMI, SHOICHI NAGATA, MASARU NAKAGAMI, AKIO KOTANI, HIROYUKI NISHIDA, ISAMU OKADA : Nutritional and Hygienical Studies on the Inhabitants of Remote Places in Prefecture II. On Kasuga Village (Part 3.No.2) On the Physical States and the Blood of the Adults in the Sampling Families (23, 95 (1973)).

- (3) 中村 亮, 後藤和子, 吉原壮三郎, 吉川周子, 小倉ひでみ, 武藤紀久, 岡島多美子, 久富康子, 永田捷一, 中神 勝, 小谷諒夫, 山中市衛, 西田弘之, 岡田 勇: 岐阜県における僻地住民の栄養学的ならびに衛生学的研究 II 春日村について(第6報) 美東地区の寄生虫卵保有について (23, 108 (1973)).

MAKOTO NAKAMURA, KAZUKO GOTO, SOZABURO YOSHIHARA, SHUKO YOSHIKAWA, HIDEMI OGURA, NORIHISA MUTO, TAMIKO OKAJIMA, YASUKO KUTOMI, SHOICHI NAGATA, MASARU NAKAGAMI, AKIO KOTANI, ICHIE YAMANAKA, HIROYUKI NISHIDA, ISAMU OKADA : Nutritional and Hygienical Studies on the Inhabitants of Remote Places in Gifu Prefecture Ⅱ. On Kasuga Village (Part 6) On the Keeping of Parasitic Eggs in Mitsuka Area (23, 108 (1923)).

- (4) 吉川周子, 久富康子, 吉原壮三郎, 小倉ひでみ, 中村 亮, 武藤紀久, 岡島多美子, 西田恵子, 永田捷一, 中神 勝, 山中市衛, 西田弘之, 岡田 勇, 小谷諒夫: 岐阜県における僻地住民の栄養学的ならびに衛生学的研究Ⅱ 春日村について(第7報) 抽出世帯の蛋白質摂取状況について (24, 1 (1974)).

SHUKO YOSHIKAWA, YASUKO KUTOMI, SOZABURO YOSHIHARA, HIDEMI OGURA, MAKOTO NAKAMURA, NORIHISA MUTO, TAMIKO OKASHIMA, KEIKO NISHIDA, SHOICHI NAGATA, MASARU NAKAGAMI, ICHIE YAMANAKA, HIROYUKI NISHIDA, ISAMU OKADA, AKIO KOTANI : Nutritional and Hygienical Studies on the Inhabitants of Remote Places in Gifu Prefecture Ⅱ. On Kasuga Village (Part 7) On the Protein Intake of the Sampling Families in Kasuga Village (24, 1 (1974)).

- (5) 吉原壮三郎, 中村 亮, 吉川周子, 小倉ひでみ, 武藤紀久, 岡島多美子, 久富康子, 西田恵子, 永田捷一, 中神 勝, 西田弘之, 山中市衛, 岡田 勇, 榎 博, 三浦善憲, 武田 篤: 岐阜県における僻地住民の栄養学的ならびに衛生学的研究Ⅲ 白鳥町石徹白地区について (24, 14 (1974)).

SOZABURO YOSHIHARA, MAKOTO NAKAMURA, SHUKO YOSHIKAWA, HIDEMI OGURA, NORIHISA MUTO, TAMIKO OKAJIMA, YASUKO KUTOMI, KEIKO NISHIDA, SHOICHI NAGATA, MASARU NAKAGAMI, HIROYUKI NISHIDA, ICHIE YAMANAKA, ISAMU OKADA, HIROSHI TATE, YOSHINORI MIURA, ATUSHI TAKEDA : Nutritional and Hygienical Studies on Inhabitants of Remote Places in Gifu Prefecture Ⅲ. Section of Itoshiro in Shirotori Town (24, 14 (1974)).

- 25) 武田研究所報 (Journal of the Takeda research laboratories)

三野 安, 野原 昭, 栗木 久, 江田昭英: クロモン誘導体の合成とそれらの生理活性 (33, 225 (1974)).
YASUSHI SANNO, AKIRA NOHARA, HISASHI KURIKI and AKIHIDE KODA : Syntheses of Chromone derivatives and their physiological activities (33, 225 (1974)).

- 26) 日本水処理生物学会誌 "Japanese Journal of Water Treatment Biology"

小瀬洋喜, 中島祚杼子, 船坂鏝三, 石川哲也, 鶴飼春夫: 河川の理化学的性状と生物学的水質階級(第2報), 岐阜市北部地域河川の水質と生物相 (10, (2), 26 (1974)).

YOUKI OSE, SAYOKO NAKASHIMA, RYOZO FUNASAKA, TETSUYA ISHIKAWA and HARUO UKAI : The Relation between Chemical and Biological Estimation of Water Quality (Ⅱ) Water Quality and Aquatic Biota of Rivers in the Northern District of Gifu-City (10, (2), 26 (1974)).

- 27) 日本薬理学雑誌 "Nihon Yakurigaku Zasshi" (Folia Pharmacologica Japonica)

- (1) 江田昭英, 平松正彦, 吉田洋一: 前立腺抽出物 (PE) の薬理作用(Ⅰ) (70, 47 (1974)).

AKIHIDE KODA, MASAHICO HIRAMATSU and YOICHI YOSHIDA : Pharmacological studies on extract of cattle prostate (PE) Ⅰ. Metabolism in prostate of rat treated with PE. (70, 47 (1974)).

- (2) 江田昭英, 平松正彦, 吉田洋一: 前立腺抽出物 (PE) の薬理作用(Ⅱ) (70, 65 (1974)).

AKIHIDE KODA, MASAHICO HIRAMATSU and YOICHI YOSHIDA : Pharmacological studies on extract of cattle prostate (PE) Ⅱ. Effect of PE on respiration in prostate tissue of certain species. (70, 65 (1974)).

- (3) 小木曾太郎, 高月芳子, 加藤好夫: 医薬品による Acetylcholinesterase (Achase) 阻害と LD₅₀ 値との相関性 (70, 579 (1974)).

TARO OGISO, YOSHIKO TAKATSUKI and YOSHIO KATO: Correlation between Inhibition of Acetylcholinesterase activity by drugs and LD₅₀ (70, 579 (1974)).

- (4) 江田昭英, 平松正彦, 吉田洋一: 前立腺抽出物 (PE) の薬理作用(Ⅲ) (70, 603 (1974)).

AKIHIDE KODA, MASAHIKO HIRAMATSU and YOICHI YOSHIDA: Pharmacological studies on extract of cattle prostate (PE) Ⅲ. Amount of citric acid, activities of aconitase and isocitrate dehydrogenase in normal and hypertrophic prostates, and the effect of PE. (70, 603 (1974)).

- (5) 江田昭英, 平松正彦, 吉田洋一: 前立腺抽出物 (PE) の薬理作用(Ⅳ) (70, 609 (1974)).

AKIHIDE KODA, MASAHIKO HIRAMATSU and YOICHI YOSHIDA: Pharmacological studies on extract of cattle prostate (PE) Ⅳ. Prostatic acid phosphatases from certain species, and the effect of PE. (70, 609 (1974)).

- (6) 平松正彦, 吉田洋一, 江田昭英: 家畜前立腺抽出物 (PE) の薬理作用(V) (71, 19 (1975)).

MASAHIKO HIRAMATSU, YOICHI YOSHIDA and AKIHIDE KODA: Pharmacological studies on extract of cattle prostate (PE) V. The effect of PE on urinary bladder. (71, 19 (1975)).

28) 北陸の植物 "Hokuriku no Syokubutu" (The Journal of Geobotany)

水野瑞夫, 田中俊弘, 福原裕子, 鈴木智子: 岐阜県および近県の植物に関する研究Ⅳ, サクライソウの自生地について (21, 70 (1974)).

MIZUO MIZUNO, TOSIHIRO TANAKA, HIROKO HUKUHARA and TOMOKO SUZUKI: Studies on the Plants in Gifu Prefecture and Adjacent Prefecture Ⅳ On the Habitat of *Protolirion sakurarii* DANDY. (21, 70 (1974)).

29) 臨床免疫 (Clinical immunology)

江田昭英, 石田千枝子: 肥胖細胞のアレルギー性崩壊 (6, 715 (1974)).

AKIHIDE KODA and CHIEKO ISHIDA: Disruption of mast cell by allergic reaction (6, 715 (1974)).

30) 臨床薬理 (Clinical pharmacology)

江田昭英: アレルギー研究の立場からみた喘息治療剤 (5, 40 (1974)).

AKIHIDE KODA: Anti-asthmatic drugs from the view point of study on allergy (5, 40 (1974)).

Ⅲ 資料

岐阜薬科大学紀要 The Annual Proceedings of Gifu College of Pharmacy

水野瑞夫, 田中俊弘, 水野京子, 大内幸雄, 谷水正彦, 中条広義, アーネイ・ニルソン: パプア・ニューギニア, ニューブリテン島の気象について (23, 61 (1974)).

MIZUO MIZUNO, TOSIHIRO TANAKA, KYOKO MIZUNO, YUKIO OOUTI, MASAHIKO TANIMIZU, HIROYOSI CHUJYO and ARNEY NILSSON: About the Climate in NEW BRITAIN island, PAPUA & NEW GUINEA (23, 61 (1974)).

Ⅳ 著書

- (1) 鍛冶健司, 松尾恒雄ほか (分担執筆) 伊藤四十二監修: 薬学情報科学概論 (地人書館) (1973)
- (2) 千田重男, 広田耕作 (分担執筆): 薬物作用の構造活性相関 (広川書店) (1974)
- (3) 小瀬洋喜 (編集, 分担執筆), 佐藤孝彦 (分担執筆): 新しい衛生化学 (広川書店) (1974)
- (4) 小瀬洋喜 (分担執筆): 微生物利用の廃棄物処理に関する技術開発 (科学技術庁計画局) (1974)
- (5) 中神 勝, 三宅邦夫, 勝瀬幸貞 (分担執筆): 楽しくできる家族体操 (黎明書房) (1975)