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Volume II

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Volume I

will contain chapters covering the following subjects:

Preface

Chemical Modification of Antibiotics

Plenary Lectures

- A1 New Antibiotics and New Synthetic Chemotherapeutic Agents
- A2 Mode of Action of Antimicrobial and Antitumor Agents
- A3 Structure and Activity Relationship
- A4 Biological Studies of Antibiotics, Infection, and Chemotherapy
- A5 Resistance to Antibacterial Drugs
- A6 Screening Methods of Antiviral, Antitumor, Antiprotosoa Agents
- A7 *In vivo* Distribution of Antibacterial Antibiotics
- A8 Side Effects to Chemotherapy
- A9 Pharmacokinetics of Chemotherapeutic Agents
- A10a Clinical Aspects of Antibacterial Chemotherapy. Internal Medicine
- A10b Clinical Aspects of Antibacterial Chemotherapy. Pediatrics and Obstetrics
- A10c Clinical Aspects of Antibacterial Chemotherapy. Surgery and Orthopedics
- A10d Clinical Aspects of Antibacterial Chemotherapy. Urology
- A10e Clinical Aspects of Antibacterial Chemotherapy. Ophthalmology and Dermatology
- A11 Combinations of Active Agents for Chemotherapy of Bacterial Diseases
- A12 Chemotherapy of Tuberculosis

The following papers were presented at the congress but were not
submitted for publication.

A1

Anti-trichomonas activity of functionally substituted 1, 5-dialkyl-2-nitroimidazoles
G. C. Lancini and V. Arioli

A3

In vitro activity of sulfonamides predicted by electronic data of simple amines, which are part of
the corresponding sulfonamide
J. K. Seydel

A4

The pH effect on the activity of erythromycin against Gram-negative rods
Victor Lorian

A10b

Serum level studies in children treated with oxdycycline (Vibramycin)
Tofayel Ahmed and Nafees Khan

A10d

Treatment of urinary infection with a new orally administered cephalosporin antibiotic,
cephalexin
Clair E. Cox and William G. Montgomery

A11

Benzimidazol derivatives in chemotherapy of bacterial infections

O. V. Bukharin

Chemotherapy efficiency in the treatment of dysentery, hepatitis and typhoid fever

I. K. Musbayev

B1

Studies of nucleoside analogs and their derivatives

G. Acs, D. C. Ward and E. Reich

Variations in dihydrofolate reductases and their significance for chemotherapy

J. Burchall

Comparative biological activity of nogalamycin and analogs

B. K. Bhuyan and F. Reusser

B2

The role of recipient bacteria in the conjugal transfer of R-factors

T. Watanabe, T. Arai, T. Hattori and Y. Ogata

B4

Chemotherapy of malignant lymphoma

Kiyoji Kimura

B6

Metabolic considerations unique to the newborn

Robert E. Greenberg

B7

Pathogenesis of recovery after IDU treatment

Herbert E. Kaufman

B8

Cancer metastasis and chemotherapy

Haruo Sato and Hiroshi Satoh

B9

The theoretical and experimental design and methods of interpretation of the complete pharmacokinetic study. An ideal protocol for the future pharmacokinetic evaluation of chemotherapeutic agents

E. R. Garrett and H. J. Lambert

PCI

Biosynthesis of pyrrolnitrin

R. L. Hamill and M. Gorman

PCII

Clinical application of pharmacokinetics

Calvin M. Kunin

Abbreviations

- PL : Plenary Lecture
 A : General Section
 B : Symposium
 C : Round Table Discussion
 PC : Post Congress Symposium
 I : Volume I
 II : Volume II

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