No. 1

Editorial
1 Be Part of the Chemotherapy Community!
Sörgel, F. (Nürnberg-Heroldsberg)

3 Some Thoughts from Your Publisher
Karger, T.; Karger, S. (Basel)

Obituary
4 Thanks Tom! Tom Bergan 1939–2001
Sörgel, F. (Nürnberg-Heroldsberg)

Pharmacology
7 Penetration of Ravuconazole, a New Triazole Antifungal, into Rat Tissues
Mikamo, H.; Yin, X.H.; Hayasaki, Y. (Gifu); Shimamura, Y.; Uesugi, K.; Fukayama, N.; Sato, M. (Tokyo); Tamaya, T. (Gifu)

Microbiology
10 Selection of Klebsiella pneumoniae Mutants with High-Level Cefotaxime Resistance during Growth in Serum Containing Therapeutic Concentrations of Cefotaxime
Bedenić, B. (Zagreb)

15 MEN 10700, a New Penem Antibiotic: In vitro Antibacterial Activity on Clinical Isolates
Ferrari, L. (Cremona); Altamura, M.; De Luca, M. (Florence); Ceruti, T. (Cremona)

21 Comparison of the Sensititre YeastOne Colorimetric Microdilution Panel and the NCCLS Broth Microdilution Method for Antifungal Susceptibility Testing against Candida Species
Quindós, G. (Bilbao); Martin Mazuelos, E. (Sevilla)

26 Evaluation of the New VITEK 2 System for Determination of the Susceptibility of Clinical Isolates of Streptococcus pneumoniae
Claro, R.; Martin Mazuelos, E. (Sevilla)

31 Investigation of Various Antibiotic Combinations Using the E-Test Method in Multiresistant Pseudomonas aeruginosa Strains
Kocazeybek, B.S.; Arabaci, Ü.; Erentürk, S.; Akdur, H. (Istanbul)

Experimental Chemotherapy
36 Cytotoxic Effects of Diazenes on Tumor Cells in vitro
Moskatelo, D.; Benjak, A.; Laketa, V. (Zagreb); Polanc, S.; Košmrlj, J. (Ljubljana); Osmak, M. (Zagreb)

42 Protection Effects of Taurine Supplementation against Cisplatin-Induced Nephrotoxicity in Rats
Saad, S.Y.; Al-Rikabi, A.C. (Riyadh)

Clinical Report
49 Ceftriaxone versus Other Cephalosporins for Perioperative Antibiotic Prophylaxis: A Meta-Analysis of 43 Randomized Controlled Trials
Dietrich, E.S.; Bieser, U.; Frank, U.; Schwarzer, G.; Daschner, F.D. (Freiburg)

Letter to the Editor
57 Susceptibility of 57 Bloodstream and Urinary Isolates of Candida Species from a Single Children’s University Hospital to 6 Antifungals
Hansen, J.; Pavalova, L.; Benedekova, M. (Bratislava); Kovacicova, G.; Onudrsova, A.; Huttova, M.; Krcmery, V., Jr. (Trnava)

No. 2

Pharmacology
59 Comparative Pharmacokinetic and Pharmacodynamic Profile of Piperacillin/Tazobactam 3.375G Q4H and 4.5G Q6H

Microbiology
64 Comparison of the BBL-Mycobacteria Growth Indicator Tube Method with Culture in the Diagnosis of Tuberculosis and Evaluation of the Resistance Patterns of Isolated Strains to Four Major Drugs
Kocazeybek, B.S. (Istanbul)

71 Bactericidal Effect of Combinations of Antibiotic and Antineoplastic Agents against Staphylococcus aureus and Escherichia coli
Nyhlén, A.; Jonsson, B.; Nilsson-Ehle, I. (Lund); Odenthal, I. (Malmö)

78 In vitro Activity of FK463, a Novel Lipopeptide Antifungal Agent, against a Variety of Clinically Important Molds
Sato, T.; Chiba (Osaka); Uno, J. (Chiba); Ikeda, F.; Tawara, S.; Goto, T. (Osaka); Nishimura, K.; Miyaji, M. (Chiba)

Experimental Chemotherapy
82 Carboplatin Induces Less Apoptosis in the Cochlea of Guinea Pigs than Cisplatin
Watanabe, K-i.; Jinnouchi, K. (Tokyo); Hess, A.; Michel, O. (Cologne); Baba, S.; Yagi, T. (Tokyo)

88 Combination Treatment of Influenza A Virus Infections in Cell Culture and in Mice with the Cyclopentane Neuromaminidase Inhibitor RWJ-270201 and Ribavirin
Smee, D.F.; Bailey, K.W.; Morrison, A.C.; Sidwell, R.W. (Logan, Utah)
Pharmacokinetics and Absolute Oral Bioavailability of an 800-mg Oral Dose of Telithromycin in Healthy Young and Elderly Volunteers
Perret, C.; Lenfant, B.; Weining, L. (Romainville); Wessels, D.H.; Scholtz, H.E. (Bloemfontein); Montay, G.; Sultan, E. (Romainville)

Comparison of in vitro Antifungal Activities of Amphotericin B Lipid Complex with Itraconazole against 708 Clinical Yeast Isolates and Opportunistic Moulds Determined by National Committee for Clinical Laboratory Standards Methods M27-A and M38-P
Carrillo-Muñoz, A.J. (Barcelona); Ruenga, M. (Bilbao); Brío, S.; del Valle, O.; Rodríguez, V. (Barcelona); Santos, P. (Buenos Aires); Hernández-Molina, J.M. (Almería); Cantón, E.; Péman, J. (Valencia); Guarrero, J. (Reus); Quindós, G. (Bilbao)

The Activity of Levofloxacin and Comparator Agents against Clinical Isolates of Streptococcus pneumoniae Collected Worldwide during 1999 and 2000
Jones, M.E. (Hullervans); Bisler-Middelton, R.S.; Critchley, I.A. (Horned, Va.); Thornberry, C. (Franklin, Tenn.); Sahm, D.F. (Horned, Va.); Yamakita, J.; Akasaki, M. (Tokyo); Karlowsky, J.A. (Horned, Va.)

Experimental Chemotherapy

Antiproliferative Properties of Toremifene on AIDS-Related Kaposi's Sarcoma Cells
Hong, A. (Sydney); Leigh, B.R. (Sacramento, Calif.)

Possible Modulatory Role of Nitric Oxide in Lung Toxicity Induced in Rats by Chronic Administration of Bleomycin
El-Khatib, A.S. (Riyadh)

Clinical Studies

Modified ESHAP as Salvage Chemotherapy for Recurrent or Refractory Non-Hodgkin's Lymphoma: Results of a Single-Center Study of 32 Patients

Esberitox® as Supportive Therapy when Providing Standard Antibiotic Treatment in Subjects with a Severe Bacterial Infection (Acute Exacerbation of Chronic Bronchitis)
A Multicentric, Prospective, Double-Blind, Placebo-Controlled Study
Haake, W. (Kronberg); Kohler, G.; Henneicke-von Zepelin, H.-H.; Freudenstein, J. (Salzgitter)

267 Acrylamide: Increased Concentrations in Homemade Food and First Evidence of Its Variable Absorption from Food, Variable Metabolism and Placental and Breast Milk Transfer in Humans
Sörgel, F. (Nürnberg-Heroldsberg); Weiszenbacher, R. (Munich); Kinzig-Schipper, M. (Nürnberg-Heroldsberg); Hofmann, A. (Munich); Illauer, M.; Skott, A.; Landersdorfer, C. (Nürnberg-Heroldsberg)

275 Simulated in vitro Quinolone Pharmacodynamics at Clinically Achievable AUC/MIC Ratios: Advantage of L, over Other Integral Parameters
Firsova, A.A. (Moscow); Zinner, S.H. (Cambridge, Mass.); Lubenko, I.Y.; Portnoy, V.A.; Yostrov, S.N. (Moscow)

280 Biliary Excretion of Antimicrobial Drugs
Karachalios, G. (Athens); Charalabopoulos, K. (Athens/Ioannina)

Experimental Chemotherapy

Histological and Ultrastructural Study of the Effect of Chemotherapy with 5-Fluorouracil on Normal Liver of Wistar Rats
Zafifou, G.; Grekou, A.; Strazovardhi, P.; Natsis, K.; Barich, A. (Thessaloniki)

303 Antiproliferative Activity of the Extract of Gleditsia sinensis Fruit on Human Solid Tumour Cell Lines

309 Inhibition of Nitric Oxide Synthase Aggravates Cisplatin-Induced Nephrotoxicity: Effect of 2-Amino-4-Methylpyridine
Saad, S.Y.; Najjar, T.A.O.; Daba, M.H.; Al-Rikabi, A.C. (Riyadh)

Case Report

316 Report of a Case with Polymicrobial Endocarditis Related to Multiresistant Strains

Acknowledgement to the Reviewers

321 Author Index Vol. 48, 2002

323 Subject Index Vol. 48, 2002

S. Karger
Medical and Scientific Publishers
Basel • Freiburg • Paris • London
New York • Bangalore • Bangkok
Singapore • Tokyo • Sydney

All rights reserved. No part of this publication may be translated into other languages, reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, recording, microcopying, or by any information storage and retrieval system, without permission in writing from the publisher or, in the case of photocopying, direct payment of a specified fee to the Copyright Clearance Center (see ‘General Information’).

© Copyright 2002 by S. Karger AG,
P.O. Box, CH-4009 Basel (Switzerland)
Printed in Switzerland on acid-free paper by
Reinhardt Druck, Basel