Clinical Neuropharmacology

A JOURNAL OF REVIEWS AND ORIGINAL INVESTIGATIONS IN THE PHARMACOLOGY OF CENTRAL NERVOUS SYSTEM DYSFUNCTION

VOLUME 8, SUPPLEMENT 1, 1985

Guest Editors

Malcolm Lader
Institute of Psychiatry
University of London
London, England

Elio Lugaresi
Institute of Neurology
University of Bologna
Bologna, Italy

Robert G. Richardson
Westerham
Kent
England

The Benzodiazepines and Insomnia


CONTENTS

S1 Introduction
Malcolm Lader, Elio Lugaresi, and Robert Richardson

S2 Benzodiazepine Receptors
Claus Braestrup and Mogens Nielsen

S8 Novel Receptor Specificity of Selected Benzodiazepines
Allen Barnett, Louis C. Iorio, and William Billard

S17 Hypnotic Specificity of Benzodiazepines
Ennio Ongini and Allen Barnett

S26 Quazepam, a Sedative-Hypnotic Selective for the Benzodiazepine Type 1 Receptor: Autoradiographic Localization in Rat and Human Brain
J. K. Wamsley, J. S. Golden, H. I. Yamamura, and Allen Barnett

(continued on next page)
CONTENTS

S41 Brain Mechanisms of Synchronous Sleep  
Mauro Mancia and Maurizio Mariotti

S49 Insomnia: An Epidemiological Survey  
Fabio Cirignotta, Susanna Mondini, Marco Zucconi, Pier Luigi Lenzi, and  
Elio Lugaresi

S55 Quazepam: Sleep Laboratory Studies of Effectiveness and Withdrawal  
Joyce D. Kales, Anthony Kales, and Constantin R. Soldatos

S63 Effects of Quazepam and Triazolam on the Sleep of Chronic Insomniacs:  
A Comparative 25-Night Sleep Laboratory Study  
Mortimer Mamelak, Adele Csima, and Victoria Price

S74 Nocturnal Traffic Noise, Sleep, and Quality of Awakening: Neurophysiologic,  
Psychometric, and Receptor Activity Changes after Quazepam  
Bernd Saletu, Josef Grünberger, and Werner Sieghart

S91 The Role of Low-dose Benzodiazepines in the Management of Insomnia  
Joseph Mendels

S97 Hypnotic Efficacy in Acute Stress: Objective and Subjective Evaluation  
Egil Wickstrom

S101 Benzodiazepine Activity: The Sleep Electroencephalogram and Daytime  
Performance  
Laverne C. Johnson and Cheryl L. Spinweber

S112 Behavioral Side Effects of Benzodiazepine Hypnotics  
Constantin R. Soldatos, Anthony Kales, Edward O. Bixler, and Antonio Vela-Bueno

S118 Dependence Potential of the Benzodiazepines: Use of Animal Models  
for Assessment  
Tomoji Yanagita

S123 Benzodiazepine Abuse and Dependence: An Overview  
Malcolm Lader