THE BRITISH JOURNAL OF PSYCHIATRY

SUPPLEMENT NUMBER 21

VOLUME 163, 1993

Prediction in Psychopharmacology

Edited by

M. T. ABOU-SALEH and V. FILIP

Publication of this Supplement was made possible by the kind help of the Upjohn Company, USA. Further support has been provided by the following institutions and companies or their affiliations: Astra Arcus AB, Sweden; Chemische Fabrik Promonta GmbH, Germany; Chinoin-Sanofi, Hungary; Ciba-Geigy AG, Switzerland; Delandale Laboratories, UK; E. Merck, Germany; H. Lundbeck A/S, Denmark; National Institute of Mental Health, USA; Prague Psychiatric Centre, Czech Republic; Schering AG, Germany; Solvay Duphar BV, The Netherlands; University of Liverpool, UK

The British Journal of Psychiatry

Published monthly. Founded in 1853 as the Asylum Journal and known as the Journal of Mental Science from 1855 to 1963

Editor: Greg Wilkinson

Senior Associate Editor Alan Kerr

Associate Editors

Dora Black, Sidney Crown, Julian Leff, Sir Martin Roth, Peter Tyrer

Assistant Editors

Mohammed Abou-Saleh, German Berrios, Peter Bruggen, Patricia Casey, John Cookson, Tom Fahy, Alexander Kellam, Stuart Montgomery, Catherine Oppenheimer, Ian Pullen, Rosalind Ramsay, Henry Rollin, Oliver Russell, George Stein, Stephen Wilson

Corresponding Editors

Sidney Bloch (Australia), Patrice Boyer (France), Brian Cooper (Germany), E. L. Edelstein (Israel), Václav Filip (Czech Republic), Harold Merskey (Canada), Paul Mullen (Australia), Ahmed Okasha (Egypt), Michelle Tansella (Italy), Toma Tomov (Bulgaria), John Tsiantis (Greece), José Vázquez-Barquero (Spain), Richard Warner (USA)

Publications Manager Dave Jago

Scientific Editor Ralph Footring

Bulletin Manager Elaine Millen

S[™] The paper used in this publication meets the minimum requirements of American National Standard for Information Sciences – Permanence of Paper for Printed Library Materials ANS1 Z39. 48-1984.

Typeset by Dobbie Typesetting, Tavistock, Devon. Printed by Henry Ling Ltd, The Dorset Press, 23 High East Street, Dorchester, Dorset DT1 1HD (tel. 0305-251 066).

© 1993 The Royal College of Psychiatrists

Assistant Scientific Editor Marina Holmes

Editorial Assistants

Judy Ashworth, Julia Burnside

Subscriptions

Non-members of the College should contact the British Journal of Psychiatry Subscription Department, The Royal Society of Medicine, 1 Wimpole Street, London W1M 8AE. Annual subscription rates for 1992 (12 issues post free) are as follows:

UK and Europe: institutions: £140, individuals £123 US: institutions \$295,

individuals \$200 Elsewhere: institutions £165, individuals £130

Payment should be made out to the British Journal of Psychiatry.

Queries from non-members about missing or faulty copies should be addressed within six months to the same address; similar queries from College members should be addressed to the Registration Department, The Royal College of Psychiatrists, 17 Belgrave Square, London SW1X 8PG.

Advertising

Correspondence and copy should be addressed to Peter T. Mell, Advertising Manager, PTM Publishers Ltd, 282 High Street, Sutton, Surrey SM1 1PQ (tel. 081-642 0162, fax 081-643 2275).

US Mailing Agents: Mercury Airfreight International Ltd, Inc., 2323 Randolph Avenue, Avenel, NJ 07001.

Back issues published before 1988 may be purchased from William Dawson & Sons Ltd, Cannon House, Folkestone, Kent, England (tel. 0303-850-101).

Contents

List of contributors	4
Editors' preface	6
Early neuroleptic intervention in schizophrenia: are prodromal symptoms valid predictors of relapse? W. GAEBEL, U. FRICK, W. KÖPCKE, M. LINDEN, P. MÜLLER,	
F. MÜLLER-SPAHN, A. PIETZCKER and J. TEGELER	8
Can computerised tomography be used to predict early treatment response in schizophrenia? J. SCHRÖDER, F. J. GEIDER and H. SAUER	13
The challenge of predicting response to stabilising lithium treatment The importance of patient selection	
P. GROF, M. ALDA, E. GROF, D. FOX and P. CAMERON	16
Who responds to prophylactic lithium therapy? M. T. ABOU-SALEH	20
Length of lithium treatment needed to eliminate the high mortality of affective disorders B. AHRENS, B. MÜLLER-OERLINGHAUSEN and P. GROF	27
Columbia atypical depression. A subgroup of depressives with better response to MAOI than to tricyclic antidepressants or placebo	
F. M. QUITKIN, J. W. STEWART, P. J. MCGRATH, E. TRICAMO, J. G. RABKIN, K. OCEPEK-WELIKSON, E. NUNES, W. HARRISON and D. F. KLEIN	30
Predicting therapeutic results with levoprotiline and maprotiline in major depression: the role of the outcome criteria	
V. FILIP, C. HÖSCHL, P. KAREN, D. SEIFERTOVÁ, L. BORNOVÁ, H. PRAŠKOVÁ and J. PRAŠKO	35
Prediction in drug abuse: cocaine interactions with alcohol and buprenorphine P. MANNELLI, L. JANIRI, E. TEMPESTA and R. T. JONES	39
Prediction: nonsense or hope? C. HÖSCHL	46