

INTERNATIONAL JOURNAL OF PHARMACEUTICS

Editors in Chief

P.F. D'ARCY (London, U.K.), W.I. HIGUCHI (Salt Lake City, UT, U.S.A.)
and T. NAGAI (Tokyo, Japan)
(Associate Editor: J.H. RYTTHING, Lawrence, KS, U.S.A.)

Editorial Board

G. AMIDON (Ann Arbor, MI, U.S.A.)
B.D. ANDERSON (Salt Lake City, UT, U.S.A.)
G.S. BANKER (Minneapolis, MN, U.S.A.)
H. BOXENBAUM (Cincinnati, OH, U.S.A.)
H. BUNDGAARD (Copenhagen, Denmark)
J.T. CARSTENSEN (Madison, WI, U.S.A.)
D.J.A. CROMMELIN (Utrecht, The Netherlands)
S.S. DAVIS (Nottingham, U.K.)
A.T. FLORENCE (London, U.K.)
J.L. FOX (Salt Lake City, UT, U.S.A.)
H.L. FUNG (Amherst, NY, U.S.A.)
D. GANDERTON (London, U.K.)
J. HADGRAFT (Cardiff, U.K.)
M. HANANO (Tokyo, Japan)
E.N. HIESTAND (Kalamazoo, MI, U.S.A.)
N.F.H. HO (Kalamazoo, MI, U.S.A.)
T.M. JONES (Beckenham, U.K.)
K. KNUTSON (Salt Lake City, UT, U.S.A.)
G. LEVY (Amherst, NY, U.S.A.)
A. LI WAN PO (Belfast, U.K.)
J.A. MOLLICA (Wilmington, DE, U.S.A.)
J.M. NEWTON (London, U.K.)

I.H. PITMAN (Parkville, Australia)
G. POSTE (Philadelphia, PA, U.S.A.)
B.J. POULSEN (Palo Alto, CA, U.S.A.)
A.J. REPTA (Lawrence, KS, U.S.A.)
J.R. ROBINSON (Madison, WI, U.S.A.)
T.J. ROSEMAN (Round Lake, IL, U.S.A.)
R.C. ROWE (Macclesfield, U.K.)
M.F. SAETTONE (Pisa, Italy)
H. SEZAKI (Kyoto, Japan)
J.E. SHAW (Palo Alto, CA, U.S.A.)
E. SHEFTER (San Francisco, CA, U.S.A.)
D.D. SHEN (Seattle, WA, U.S.A.)
J. SJÖGREN (Mölnlycke, Sweden)
R.S. SUMMERS (Pretoria, South Africa)
B. TESTA (Lausanne, Switzerland)
D.J. TEMPLE (Cardiff, U.K.)
K. THOMA (Munich, F.R.G.)
R.F. TIMONEY (Dublin, Ireland)
E. TOMLINSON (Cambridge, MA, U.S.A.)
J.L. VILA JATO (Santiago de Compostela, Spain)
G. ZOGRIFI (Madison, WI, U.S.A.)



VOL. 66 (1990)

ELSEVIER SCIENCE PUBLISHERS B.V. – AMSTERDAM