

# INTERNATIONAL JOURNAL OF PHARMACEUTICS

---

## *Editor-in-Chief*

A.T. FLORENCE (London, U.K.)

## *Editors*

D.J. BURGESS (Storrs, CT, U.S.A.)

T. SONOBE (Shizuoka-shi, Japan)

## *Review Editor*

J. SIEPMANN (Lille, France)

## *Advisor*

T. NAGAI (Tokyo, Japan)

## *Editorial Board*

G. ALDERBORN (Uppsala, Sweden)

E. ALLÉMANN (Geneva, Switzerland)

M.J. ALONSO (Santiago de Compostela, Spain)

D. ATTWOOD (Manchester, UK)

K.L. AUDUS (Lawrence, KS, USA)

G. BARRATT (Chatenay-Malabry, France)

G. BETZ (Basel, Switzerland)

M.J. BLANCO-PRIETO (Pamplona, Spain)

G. BORCHARD (Geneva, Switzerland)

H.-K. CHAN (Sydney, NSW, Australia)

W.N. CHARMAN (Parkville, VIC, Australia)

P. COLOMBO (Parma, Italy)

D.Q.M. CRAIG (Norwich, UK)

D.J.A. CROMMELIN (Utrecht, Netherlands)

F-D. CUI (Shenyang, China)

D. DUCHÊNE (Châtenay-Malabry, France)

J.L. FORD (Liverpool, UK)

J. HADGRAFT (London, UK)

B.C. HANCOCK (Groton, USA)

H. HARASHIMA (Sapporo, Japan)

M. HAYASHI (Tokyo, Japan)

L. ILLUM (Nottingham, UK)

T. ITOH (Tokyo, Japan)

M. KHAN (Silver Spring, MD, USA)

M.E. LANE (London, UK)

V. LEE (Hong Kong)

T. LOFTSSON (Reykjavik, Iceland)

## *Honorary Board Member*

W. HIGUCHI (Salt Lake City, UT, USA)

P. MACHERAS (Athens, Greece)

Y. MAITANI (Tokyo, Japan)

G.P. MARTIN (London, UK)

C. MELIA (Nottingham, UK)

A.K. MITRA (Kansas City, MO, USA)

R.H. MÜLLER (Berlin, Germany)

J.M. NEWTON (London, UK)

S.D. PATIL (Cambridge, MA, USA )

N.A. PEPPAS (Austin, TX, USA )

Y. PERRIE (Birmingham, UK)

F. PODCZEK (London, UK )

T. RADES (Copenhagen, Denmark)

J.P. REMON (Gent, Belgium)

A.K. SALEM (Iowa City, IA, USA)

E. SHEFTER (San Diego, CA, USA)

Y. SHEN (Zhejiang, China)

J.D. SMART (Brighton, UK)

Y. SUGIYAMA (Tokyo, Japan)

M. TICEHURST (Sandwich, UK )

I.G. TUCKER (Dunedin, New Zealand)

I. UCHEGBU (London, UK)

A. URTTI (Helsinki, Finland)

G. VAN DEN MOOTER (Beerse, Belgium)

S.P. VYAS (Sagar, India)

D.E. WURSTER (Iowa City, IA, USA )

S.H. YALKOWSKY (Tucson, AZ, USA )

A. YAMAMOTO (Kyoto, Japan)



ELSEVIER

Amsterdam • Boston • London • New York • Oxford • Paris • Philadelphia • San Diego • St. Louis

VOL. 429/1–2 (2012)

doi:10.1016/S0378-5173(12)00334-1