

International Journal of Antimicrobial Agents

Volume 54/4 (2019)

Editor-in-Chief

J.-M. Rolain, (Marseille, France)

Scientific Assistant

Sophie Baron (Marseille, France)

Editorial Assistant

J. Merrison, (Oxford, UK); IJAA@elsevier.com

Editors

R. Allaker (London, UK)
R.S. Bhardawaj (Pune, India)
G. Coombs (Perth, Australia)
P. Colson (Marseille, France)
C. Costelloe (London, UK)
S. Dancer (Glasgow, UK)
H. Derendorf (Gainesville, FL, USA)
S. Diene (Geneva, Switzerland)
M. Ellington (Cambridge, UK)
M. Enright (London, UK)
M. Falagas (Athens, Greece)
H. Giamarellou (Athens, Greece)
E.J. Giamarellos-Bourboulis (Athens, Greece)
J. Gray (Birmingham, UK)
P.-R. Hsueh (Taipei, Taiwan)
S.H. Jeong (Seoul, Korea)
J. Lagier (Marseille, France)
D. Law (Manchester, UK)

G. Levy Hara (Buenos Aires, Argentina)
J. Li (Melbourne, Australia)
J. Lipman (Brisbane, Australia)
K.G. Naber (Straubing, Germany)
A. Olaitan (Houston, USA)
B. Pradines (Brétigny sur Orge, France)
J. Roberts (Brisbane, Australia)
E. Roilides (Thessaloniki, Greece)
A. Seaton (Glasgow, UK)
S. Simjee (Basingstoke, UK)
S. Stefani (Catania, Italy)
S.K. Straus (Vancouver, Canada)
A. Tsakris (Athens, Greece)
P.M. Tulkens (Brussels, Belgium)
S. Unal (Ankara, Turkey)
J. Walochnik (Vienna, Austria)
M. Wang (Shanghai, China)

International Advisory Board

E. Akalin (Istanbul, Turkey)
J. Andrews (Birmingham, UK)
B. Barsic (Zagreb, Croatia)
E. Bergogne-Bérézin (Paris, France)
K.A. Brogden (Iowa City, USA)
K. Bush (Bloomington, USA)
E. De Clercq (Leuven, Belgium)
D. Denning (Manchester, UK)
R. Feld (Toronto, Canada)
A. Fraise (Birmingham, UK)
J.A. Garcia Rodriguez (Salamanca, Spain)
J. Garau (Barcelona, Spain)
I.M. Gould (Aberdeen, UK)
M.L. Grayson (Melbourne, Australia)
P. Halfon (Marseille, France)
K. Hiramatsu (Tokyo, Japan)
I.M. Hoepelman (Utrecht, The Netherlands)
Niels Høiby (Copenhagen, Denmark)
R.N. Jones (North Liberty, USA)
G. Kahlmeter (Vaxjo, Sweden)

K. Klugman (Atlanta, USA)
G. Kronvall (Stockholm, Sweden)
D. Lew (Geneva, Switzerland)
A. MacGowan (Bristol, UK)
F.M. MacKenzie (Aberdeen, UK)
L. Mandell (Hamilton, Canada)
T. Matsumoto (Kitakyushu, Japan)
T. Mazzei (Florence, Italy)
C.E. Nord (Stockholm, Sweden)
M. Pelemis (Belgrade, Serbia)
T.V. Riley (Nedlands, Australia)
R. Saginur (Ottawa, Canada)
F. Scaglione (Milan, Italy)
A.M. Sefton (London, UK)
Jae-Hoon Song (Sungkyunkwan, Korea)
M. Struelens (Brussels, Belgium)
F.C. Tenover (Sunnyvale, USA)
J. Verhoef (Utrecht, The Netherlands)
M. Yagisawa (Tokyo, Japan)



ELSEVIER



International Society of
Antimicrobial Chemotherapy

AMSTERDAM – BOSTON – LONDON – NEW YORK – OXFORD – PARIS – PHILADELPHIA – SAN DIEGO – ST. LOUIS