

# The International Journal of Biochemistry & Cell Biology

---

## **EDITOR-IN-CHIEF**

**Professor Geoffrey J. Laurent**

Centre for Respiratory Research

University College London Medical School

### **Editorial Assistant: Catherine Breen**

Editorial Office, The Rayne Institute

5 University Street

London WC1E 6JJ, U.K.

Tel.: +44 (0) 20 7383 2104;

Fax: +44 (0) 20 7383 2097

e-mail: [ijbcb@ucl.ac.uk](mailto:ijbcb@ucl.ac.uk)

### **Australasian Editor: Prof. Rodney F. Minchin**

University of Queensland

Tel.: 00 61 89346 2981;

Fax: 001 61 89345 3469

e-mail: [rminchin@receptor.pharm.uwa.edu.au](mailto:rminchin@receptor.pharm.uwa.edu.au)

### **North and South America Editor:**

**Prof. Michael A. Parniak**

University of Pittsburgh

Tel.: +1 412 648 1927; Fax: +1 412 383 7989

e-mail: [parniakm@msx.dept-med.pitt.edu](mailto:parniakm@msx.dept-med.pitt.edu)

## **In Focus Editors**

### **Pathogens in Focus Editor**

**Dr. Jeremy S. Brown**

University College London

Tel.: +44-20-7679-6008

Fax: +44-20-7679-6973

e-mail:

[j.brown@ucl.ac.uk](mailto:j.brown@ucl.ac.uk)

### **Molecules in Focus Editor**

**Prof. Des R. Richardson**

Childrens Cancer Institute

Australia

Tel.: +61-2-9382-1821

Fax: +61-2-9382-1850

e-mail:

[d.richardson@ccia.org.au](mailto:d.richardson@ccia.org.au)

### **Medicine in Focus Editor**

**Dr. Geoff Bellingan**

UCL Medical School

Tel.: +44 (0) 207 679 6972

Fax: +44 (0) 207 679 6973

e-mail:

[g.bellingan@ucl.ac.uk](mailto:g.bellingan@ucl.ac.uk)

### **Cells in Focus Editor**

**Dr. Irmgard Irminger-Finger**

University of Geneva

Tel.: +41 22 305 54 53

Fax: +41 22 305 54 55

e-mail:

[Irmgard.Irminger@medecine.unige.ch](mailto:Irmgard.Irminger@medecine.unige.ch)

## **Editorial Board**

J. Adams (U.S.A.)  
K.B. Adler (U.S.A.)  
L. Altucci (Italy)  
H. Arias (Argentina)  
D. Attaix (France)  
A. August (U.S.A.)  
A. Batlle (Argentina)  
M. Cai (Singapore)  
P.C. Calder (U.K.)  
S.G. Chen (U.S.A.)  
L. Claesson-Welsh (Sweden)  
A.J. Clarke (Canada)  
K. Dabbagh (U.S.A.)  
R.T. Dean (Australia)  
M.J. Dunn (U.K.)  
J. Gaudie (Canada)  
M. Gimona (Austria)

M. Glickman (Israel)  
G.H. Goodwin (U.K.)  
V. Harley (Australia)  
J. Heino (Finland)  
K. Igarashi (Japan)  
P. Jezek (Czech Republic)  
N.A. Kalsheker (U.K.)  
J.N. Keller (U.S.A.)  
S.R. Kimball (U.S.A.)  
H.K. Kleinman (U.S.A.)  
D.S. Latchman (U.K.)  
S.J. Leibovich (U.S.A.)  
P.S. Leung (Hong Kong)  
F. Levi-Schaffer (Israel)  
R.B. Low (U.S.A.)  
D.A. Mann (U.K.)  
J. Mato (Spain)

M.E. McManus (Australia)  
B. Mecham (U.S.A.)  
M. Michalak (Canada)  
V. Mizrahi (South Africa)  
T. Moroy (Germany)  
B. Mossman (U.S.A.)  
H. Nagase (U.K.)  
V. Niggli (Switzerland)  
R.P. Padmanabhan (U.S.A.)  
A. Pardo (Mexico)  
P. Poronnik (Australia)  
D.J. Prockop (U.S.A.)  
E.R. Sanchez (U.S.A.)  
T. Tetley (U.K.)  
J.R. Vandenheede (Belgium)

---

Published monthly. Copyright © 2005 Elsevier Ltd. All rights reserved

**USA mailing notice:** *The International Journal of Biochemistry & Cell Biology* (ISSN 1357-2725) is published monthly by Elsevier Ltd (The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK). Annual subscription price in the USA US\$ 3304 (valid in North, Central and South America), including air speed delivery. Periodical postage paid at Rahway NJ and additional Mailing offices.

**USA POSTMASTER:** Send changes of address *The International Journal of Biochemistry & Cell Biology*, Elsevier, 6277 Sea Harbor Drive, Orlando, FL 32887-4800.

**AIRFREIGHT AND MAILING** in USA by Mercury International Limited, 365, Blair Road, Avenel, NJ 07001.

---

**Acknowledgement:** The cover illustration for this issue was supplied from an article by D.J. Glass, which is printed in this issue.