

Editorial Board

Chair

P. R. Shepherd • Auckland

Vice Chair, The Americas

G. Salvesen • La Jolla, CA

Vice Chair, Asia–Pacific

T. Xu • Beijing

Vice Chair, Europe

D. R. Alessi • Dundee

Vice Chair Reviews

A. Toker • Boston, MA

Deputy Chairs

M. Blatt • Glasgow

L. J. Goodyear • Boston, MA

S. V. Graham • Glasgow

D. Hoekstra • Groningen

S. Huber • Urbana, IL

J. E. Ladbury • Houston, TX

M. A. Lemmon • Philadelphia, PA

C. MacKintosh • Dundee

M. Murphy • Cambridge

S. Roberts • Buffalo, NY

M. A. Schwartz • Charlottesville, VA

D. Tosh • Bath

D. M. F. van Aalten • Dundee

B. Vanhaesebroeck • London

H. M. Wallace • Aberdeen

M. F. White • St Andrews

Publisher

P. J. Starley

Executive Editor

M. R. Thorne

Production Manager

M. D. Cunningham

Staff Editors

M. Banerjee

C. L. Curtis

E. A. G. Elloway

J. W. Mockridge

H. F. Roberts

Administrative Editor, US Office

S. Schendel

J. Ariño (Barcelona)

T. K. Attwood (Manchester)

J. M. Backer (Bronx, NY)

B. M. Baker (Notre Dame, IN)

J. E. Bear (Chapel Hill, NC)

J. L. Blank (Cambridge, MA)

M. A. Bogoyevitch (Melbourne, VIC)

L. H. Boise (Atlanta, GA)

J. Bolaños (Salamanca)

P. J. Booth (Bristol)

L. Boscá (Madrid)

P. S. Brookes (Rochester, NY)

N. J. Buckley (London)

D. Burger (Geneva)

J. F. Cáceres (Edinburgh)

D. Carling (London)

M. Cascante (Barcelona)

Y.-G. Chen (Beijing)

L. Chernomordik (Bethesda, MD)

A. C. Clark (Raleigh, NC)

V. Darley-Usmar (Birmingham, AL)

M. J. Davies (Sydney)

B. Davis (Oxford)

L. A. Devi (New York, NY)

I. Dikic (Frankfurt)

R. Docampo (Athens, GA)

D. Doyle (Dublin)

C. S. Duckett (Ann Arbor, MI)

A. F. Dulhunty (Canberra)

P. Fay (Rochester, NY)

S. Flitsch (Manchester)

P. G. W. Gettins (Chicago, IL)

R. Golsteyn (Lethbridge, AB)

B. Halliwell (Singapore)

J. M. Horowitz (Raleigh, NC)

E. Ikonen (Helsinki)

A. Imberty (Grenoble)

D. A. Jans (Monash)

D. Jordan (Peoria, IL)

M. G. Kazanietz (Philadelphia, PA)

Z. Knight (New York)

D. Komander (Cambridge)

D. W. Laird (London, Ont.)

J. H. Lakey (Newcastle upon Tyne)

K. Lingelbach (Marburg)

D. W. Litchfield (London, Ont.)

B. Luisi (Cambridge)

E. Manser (Singapore)

M. McManus (Palmerston North)

J. Miernyk (Columbia, MO)

E. T. Morgan (Atlanta, GA)

I. Morgan (Glasgow)

A. J. Morris (Lexington, KY)

M. Muckenthaler (Heidelberg)

B. Mulloy (South Mimms)

A. W. Munro (Manchester)

G. Murphy (Cambridge)

H. Y. Naim (Hannover)

J. H. Naismith (St Andrews)

W. Ogawa (Kobe)

G. Panayotou (Vare)

S. Patel (London)

G. Pavitt (Manchester)

N. D. Perkins (Newcastle)

P. F. Pilch (Boston, MA)

W. C. Plaxton (Kingston, Ont.)

S. Ponnambalam (Leeds)

R. Y. Poon (Hong Kong)

B. V. L. Potter (Bath)

Z. Radić (La Jolla, CA)

D. R. Richardson (Sydney)

K. Rittinger (London)

M. F. Roberts (Boston, MA)

J. M. Sanchez-Ruiz (Granada)

R. Sasisekharan (Cambridge, MA)

N. Savery (Bristol)

J. R. Sayers (Sheffield)

P. T. Schumacker (Chicago, IL)

M. C. Seabra (London)

F. J. Sharom (Guelph, Ont.)

G. S. Shelness (Winston-Salem, NC)

H. Shimano (Tsukuba City)

M. Manser (Singapore)

E. Smythe (Sheffield)

S. Spiegel (Richmond, VA)

S. Stack (Columbia, MO)

W. M. Stark (Glasgow)

H. Stenmark (Oslo)

C. Tickle (Bath)

N. K. Tonks (Cold Spring Harbor, NY)

C. Tournier (Manchester)

C. Troy (New York, NY)

H. D. Ulrich (South Mimms)

M. van der Woude (York)

A. J. Vidal-Puig (Cambridge)

H. J. Vogel (Calgary)

M. Welham (Bath)

S. Whitney (Canberra)

C. Winterbourn (Christchurch, NZ)

D. Withers (London)

D. Wu (Guangzhou)

A. Xu (Hong Kong)

H.-W. Xue (Shanghai)

I. Zachary (London)

C. Zurzolo (Paris)



- Journal compilation © 2011 Biochemical Society
- The *Biochemical Journal* (ISSN 0264-6021 for print/online journal; ISSN 1470-8728 for online only journal) is published and distributed by Portland Press Limited on behalf of the Biochemical Society (the owner), and appears twice monthly (24 issues).
- **Editorial and publishing offices:** *Biochemical Journal*, Portland Press Limited, Third Floor, Charles Darwin House, 12 Roger Street, London WC1N 2JU, U.K.
- **US agent:** c/o Mercury International, 365 Blair Road, Avenel, NJ 07001, U.S.A.
- **Subscriptions department:** Portland Customer Services, P.O. Box 32, Commerce Way, Colchester CO2 8HP, U.K.
- All rights reserved. Apart from any fair dealing for the purposes of research or private study, or criticism or review, as permitted under the Copyright, Designs and Patents Act, 1988, this publication may be reproduced, stored or transmitted, in any forms or by any means, only with the prior permission in writing of the publishers, or in the case of reprographic reproduction in accordance with the terms of permissions granted by copyright clearing houses such as the Copyright Licensing Agency (U.K.) or the Copyright Clearance Center (U.S.A.). The CCC item-fee code for this publication is 0264-6021/2011/\$50.00 + 0.00. Inquiries concerning reproduction outside those terms should be sent to the publishers at the above-mentioned address.
- Although, at the time of going to press, the information contained in this publication is believed to be correct, neither the authors nor the editors nor the publisher assume any responsibility for any errors or omissions herein contained. Opinions expressed in articles are not necessarily those of the editors, the publisher or the owner.
- Periodicals postage paid at Rahway, NJ, U.S.A.
- **Postmaster:** send address corrections to *Biochemical Journal*, c/o Mercury International, 365 Blair Road, Avenel, NJ 07001, U.S.A.
- **Cover design:** Angie Moyes (www.fuz.co.uk).
- **Cover image credits:** Sharon M. Stack, University of Missouri; Carmen A. Mannella, Research and Technology Wadsworth Center, Albany, NY; Nottingham *Arabidopsis* Stock Centre (NASC); G. P. Côté, Kingston, Ont.; G. Salvesen, La Jolla; Dr Gordon Beahes, Newcastle University.

● **General policy** The *Biochemical Journal* publishes papers in English in all fields of biochemistry and cellular and molecular biology, provided that they make a sufficient contribution to knowledge in these fields. Papers may include new results obtained experimentally, descriptions of new experimental methods of biochemical importance, or new interpretations of existing results. Novel theoretical contributions will be considered, although these papers should also contain some experimental testing of the theory. All work presented should have as its aim the development of biochemical concepts rather than the mere recording of facts. Preliminary, confirmatory or inconclusive work will not be published. The *Biochemical Journal* will not publish material that has been wholly or largely published elsewhere, even as a preliminary communication or in unrefereed symposium proceedings or on the World Wide Web (WWW); equally, fragmentation of research into the 'least publishable unit' is discouraged.

Submission of a paper implies that it has been approved by all the named authors, that all persons entitled to authorship have been so named, that it reports unpublished work that is not under consideration elsewhere, and that if the paper is accepted for publication the authors will transfer to the Biochemical Society the copyright in the paper, which will then not be published elsewhere in the same form, in any language, without the consent of the Society. Authors will be required to sign an undertaking to these effects.

Authors may suggest potential reviewers for their papers, but the journal is under no obligation to follow such suggestions. Authors may also specify the names of those they wish to be excluded from the review process, and such wishes are usually respected unless, in the opinion of the journal, such a request unreasonably excludes all the expertise available to it in that scientific area.

To allow the reviewers to assess possible overlap with previous work, all submitted papers must be accompanied by duplicate copies of the author's relevant published work, including that on the WWW, and of all related papers in press or under editorial consideration in this or other journals.

The following types of paper are included in the journal.

● **Research Papers** are the normal form of publication, and may be of any length that is justified by their content. However, because of pressure for space in the journal, no paper, whatever its scientific merits, will be accepted if it exceeds the minimum length required for

precision in describing the experiments and clarity in interpreting them. As a guide, most Research Papers published in the *Biochemical Journal* are of between six and eight printed pages. A concise well-written paper tends to be published more rapidly.

● **Accelerated Publications (APs)** are short (normally four printed pages) papers bringing particularly novel and significant findings to the attention of the research community. It is intended that a decision on acceptance or rejection will be made within 10 working days of receipt, and publication of accepted APs in an issue will follow within 2 months. APs receive full but accelerated reviewing. The criteria of 'novelty and significance' are strictly enforced, and papers may be rejected solely on the grounds of lack of novelty and significance. APs are not a path to accelerated publication of sound but non-urgent material. Authors must include in their letter of submission a brief statement of why they believe their AP merits accelerated treatment. Colour figures will be published free of charge in APs, provided the use of colour is deemed scientifically necessary by the reviewers.

● **Reviews** will usually be solicited, although unsolicited reviews will be considered for publication. Prospective writers of reviews should first consult the Reviews Editor, via the editorial office, and should enclose a short (one page) summary of the area they propose to cover.

● **Procedure for submission** These instructions do not replace the official *Biochemical Journal* Instructions to Authors (<http://www.BiochemJ.org>). Authors are encouraged to refer to these for overall guidelines on submitting a paper. Before preparing papers for the journal, authors should consult a current issue to make themselves familiar with the general format, such as the use of cross-headings, layout of tables and figures and citation of references. A full page of text in the *Biochemical Journal* contains approximately 1200 words; when calculating the printed length of papers, allowance must be made for the space occupied by tables and figures and the number of text words reduced accordingly.

The numerical system of references must be used. A reference to 'unpublished work' must be accompanied by the names of all persons concerned; a reference to a 'personal communication' must be supported by written permission for the quotation from the person or persons concerned; both of these types of citation are permitted in the text only, not in the list of references.

● **Submit manuscripts online** Authors should submit manuscripts electronically using the Online Submission and Review System available at <http://www.BiochemJ.org/submit/>

● **Immediate Publications** Manuscripts are published online in PDF format as soon as they are accepted, unless on submission the author requests that this not be done. Immediate Publications are listed in and accessible through Medline, and are freely available to anyone with Internet access.

● **Opt2Pay** Choose to make your paper freely available. For more information see www.biochemj.org.

● **Queries and correspondence** Authors in the Americas should address all queries and correspondence about their submission to: Dr Sharon Schendel, BJ USA, The Sanford-Burnham Institute for Medical Research, 10901 N. Torrey Pines Road, La Jolla, CA 92037, U.S.A. (telephone +1 858 795 5283; fax +1 858 795 5284; email editorial@biochemjusa.org). Authors in the U.K., the rest of Europe, Japan and the rest of the world should contact: The Publisher, *Biochemical Journal*, Portland Press Limited, Third Floor, Charles Darwin House, 12 Roger Street, London WC1N 2JL, U.K. (telephone +44 20 7685 2410; fax +44 20 7685 2469; email editorial@portlandpress.com).

● **Colour figures** Colour figures are published free of charge provided that the corresponding author on the published paper has been a member of the Biochemical Society for at least 2 years and that the use of colour is deemed scientifically necessary by the reviewers. Otherwise the charges are £550 for the first colour figure and £300 for each subsequent colour figure.

● **Multimedia adjuncts** The Biochemical Journal Online offers authors the opportunity to enhance their papers with multimedia adjuncts (e.g. time-lapse movies, three-dimensional structures, animated schemes). These will be submitted to peer review alongside the manuscript. To submit a paper with a multimedia adjunct, please attach the file when you submit your manuscript electronically. Preferred formats are QuickTime for time-lapse movies, PDB for structures and Flash for animated schemes. There is no extra charge associated with the publication of a multimedia adjunct online.

● **COPE** The *Biochemical Journal* is a member of the Committee on Publication Ethics and endorses its guidelines, which are available at <http://publicationethics.org.uk>

Other information

The *Biochemical Journal* is published and distributed by Portland Press Limited on behalf of the Biochemical Society. It is published twice monthly; in 2011 volumes 433–440 (three parts each) will appear. The subscription also includes an author and key-word index.

● **Abstracted by/indexed in:** BIOBASE, BIOSIS, CAB International, Chemical Abstracts Service, Current Contents, EMBASE, International Food Information Service, Medline/Index Medicus, Proquest Information & Learning, Science Citation Index.

● **Subscription rates** Institutional subscription rates for 2011 are shown below. Subscribers to the *Biochemical Journal* can subscribe additionally to *Biochemical Society Transactions* on a joint subscription at a reduced rate (see www.portlandpress.com for further details). Terms are cash with order (US\$ in N. America, £ sterling for rest of the world, or US\$ equivalent at current rate of exchange; subscribers in the EU may pay in £ sterling or Euros), or against pro forma invoice. Orders should be sent to the address

shown, to your usual agent or purchased online at www.portlandpress.com.

	N. America	Rest of world	Euro price
One year (8 vols)			
Print and online	US\$4439	£2373	€3812
Online only	US\$3995	£2136	€3430
Single issues (print only)	US\$235	£119	€202

Overseas rates include airfreight delivery. Airspeeded delivery is available at an additional cost of £80/€101.

Value Added Tax (VAT) on online-only and 'combined' subscriptions is due on supplies to subscribers within the UK, and to non-registered subscribers elsewhere in the EU. If in the EU please state your VAT number otherwise VAT may be charged at the appropriate national rate.

● **Electronic back archive** This is freely available to all users with Internet access.

● **Microfiche and back issues** Volumes 102–408 of the *Biochemical Journal* are available

on microfiche. Back issues are also available. Further details may be obtained from the address below.

● Subscription Department

Portland Customer Services
P.O. Box 32, Commerce Way
Colchester CO2 8HP, Essex, U.K.
(telephone 01206 796351; fax 01206 799331;
email sales@portland-services.com).

● **Advertising** Enquiries about advertising should be addressed to: Mark Burgess, Editorial Department, Portland Press Limited Third Floor, Charles Darwin House, 12 Roger Street, London WC1N 2JU, U.K., tel.: +44 (0)20 7685 2410; fax: +44 (0)20 7685 2469; email: editorial@portlandpress.com

● The paper and cover-boards used in this journal are sourced from sustainable, managed and renewed commercial forests, and are fully recyclable. The bleaching process used for the pulp is 100% ECF (elemental chlorine free).

Reviews**Pulsed electron–electron double resonance: beyond nanometre distance measurements on biomacromolecules**

Published on the Internet 24 February 2011,
doi:10.1042/BJ20101871

G.W. Reginsson and O. Schiemann

353–363

Regulation of cellular iron metabolism

Published on the Internet 24 February 2011,
doi:10.1042/BJ20101825

J. Wang and K. Pantopoulos



365–381

Accelerated Publication**HID-1 is a novel player in the regulation of neuropeptide sorting**

Published as BJ Immediate Publication 21 January 2011,
doi:10.1042/BJ20110027

Y. Yu, L. Wang, Y. Jiu, Y. Zhan, L. Liu, Z. Xia,
E. Song, P. Xu and T. Xu

383–390

Research Papers**Spectroscopic and magnetic studies of wild-type and mutant forms of the Fe(II)- and 2-oxoglutarate-dependent decarboxylase ALKBH4**

Published as BJ Immediate Publication 20 December 2010,
doi:10.1042/BJ20101667

L.G. Bjørnstad, G. Zoppellaro, A.B. Tomter, P.Ø. Falnes
and K.K. Andersson

391–398

Characterization of a novel JNK (c-Jun N-terminal kinase) inhibitory peptide

Published as BJ Immediate Publication 17 December 2010,
doi:10.1042/BJ20101244

K.R.W. Ngoei, B. Catimel, N. Church, D.S. Lio,
C. Dogovski, M.A. Perugini, P.M. Watt, H.-C. Cheng,
D.C.H. Ng and M.A. Bogoyevitch

399–413

Receptor-dependent compartmentalization of PPIP5K1, a kinase with a cryptic polyphosphoinositide binding domain

Published as BJ Immediate Publication 11 January 2011,
doi:10.1042/BJ20101437

N.A. Gokhale, A. Zaremba and S.B. Shears

415–426

Crystal structure of unliganded TRAP: implications for dynamic allostery

Published as BJ Immediate Publication 21 December 2010,
doi:10.1042/BJ20101813

A.D. Malay, M. Watanabe, J.G. Heddle and J.R.H. Tame



427–434

Crystal structure of Ssu72, an essential eukaryotic phosphatase specific for the C-terminal domain of RNA polymerase II, in complex with a transition state analogue

Published as BJ Immediate Publication 5 January 2011,
doi:10.1042/BJ20101471

Y. Zhang, M. Zhang and Y. Zhang



435–444

Functional analysis of RhoGDI inhibitory activity on vacuole membrane fusion

Published as BJ Immediate Publication 20 December 2010,
doi:10.1042/BJ20101759

M.R. Logan, L. Jones, D. Forsberg, A. Bodman, A. Baier
and G. Eitzen

445–457










Engineering the nucleotide coenzyme specificity and sulfhydryl redox sensitivity of two stress-responsive aldehyde dehydrogenase isoenzymes of *Arabidopsis thaliana*

Published as BJ Immediate Publication 20 December 2010,
doi:10.1042/BJ20101337

N. Stiti, I.O. Adewale, J. Petersen, D. Bartels
and H.-H. Kirch

459–471

Contents

- Involvement of *miR-30c* and *miR-301a* in immediate induction of plasminogen activator inhibitor-1 by placental growth factor in human pulmonary endothelial cells
Published as BJ Immediate Publication 22 December 2010, doi:10.1042/BJ20101585
- Lipid binding to cytoglobin leads to a change in haem co-ordination: a role for cytoglobin in lipid signalling of oxidative stress
Published as BJ Immediate Publication 20 December 2010, doi:10.1042/BJ20101136
- Identification of a DNA aptamer that inhibits sclerostin's antagonistic effect on Wnt signalling
Published as BJ Immediate Publication 4 January 2011, doi:10.1042/BJ20101096
- AMP-activated protein kinase (AMPK) is a tau kinase, activated in response to amyloid β -peptide exposure
Published as BJ Immediate Publication 5 January 2011, doi:10.1042/BJ20101485
- TRPM7 regulates polarized cell movements
Published as BJ Immediate Publication 6 January 2011, doi:10.1042/BJ20101678
- SCM, a novel M-like protein from *Streptococcus canis*, binds (mini)-plasminogen with high affinity and facilitates bacterial transmigration
Published as BJ Immediate Publication 6 January 2011, doi:10.1042/BJ20101121
- The role of TBK1 and IKK ϵ in the expression and activation of Pellino 1
Published as BJ Immediate Publication 5 January 2011, doi:10.1042/BJ20101421
- Expression and functional validation of new p38 α transcriptional targets in tumorigenesis
Published as BJ Immediate Publication 12 January 2011, doi:10.1042/BJ20101410
- Visualization of retrovirus uptake and delivery into acidic endosomes
Published as BJ Immediate Publication 21 December 2010, doi:10.1042/BJ20101588
- N. Patel, S.M. Tahara, P. Malik and V.K. Kalra  473–482
- B.J. Reeder, D.A. Svistunenko and M.T. Wilson  483–492
- K.T. Shum, C. Chan, C.-M. Leung and J.A. Tanner 493–501
- C. Thornton, N.J. Bright, M. Sastre, P.J. Muckett and D. Carling  503–512
- L.-T. Su, W. Liu, H.-C. Chen, O. González-Pagán, R. Habas and L.W. Runnels   513–521
- M. Fulde, M. Rohde, A. Hitzmann, K.T. Preissner, D.P. Nitsche-Schmitz, A. Nerlich, G.S. Chhatwal and S. Bergmann 523–535
- H. Smith, X.-Y. Liu, L. Dai, E.T.H. Goh, A.-T. Chan, J. Xi, C.-C. Seh, I. A. Qureshi, J. Lescar, C. Ruedl, R. Gourlay, S. Morton, J. Hough, E.G. McIver, P. Cohen and P.C.F. Cheung  537–548
- A. Swat, I. Dolado, A. Igea, G. Gomez-Lopez, D.G. Pisano, A. Cuadrado and A.R. Nebreda  549–558
- K. Miyauchi, M. Marin and G.B. Melikyan   559–569
- Retractions**
- Activation of hypoxia-inducible factor 1 in human T-cell leukaemia virus type 1-infected cell lines and primary adult T-cell leukaemia cells 571
- Inhibition of Akt/GSK3 β signalling pathway by *Legionella pneumophila* is involved in induction of T-cell apoptosis 573
- Corrections**
- The multiple facets of the Golgi reassembly stacking proteins 575
- Wnt signalling: the case of the 'missing' G-protein 575
- Counter-regulation in the IKK family 575
- F. P. Vinke, A. G. Grieve and C. Rabouille 575
- C.C. Malbon 575
- L.A.J. O'Neill 576

Index of Authors

	PAGE		PAGE		PAGE		PAGE
Adewale, I. O.	459	Gourlay, R.	537	Morton, S.	537	Svistunenکو, D. A.	483
Andersson, K. K.	391	Grieve, A. G.	575	Muckett, P. J.	503	Swat, A.	549
Baier, A.	445	Habas, R.	513	Nebreda, A. R.	549	Tahara, S. M.	473
Bartels, D.	459	Heddle, J. G.	427	Nerlich, A.	523	Taira, N.	571
Bergmann, S.	523	Heuner, K.	573	Ng, D. C. H.	399	Takamatsu, R.	573
Bjørnstad, L. G.	391	Higa, F.	573	Ngoei, K. R. W.	399	Takeshima, E.	573
Bodman, A.	445	Hitzmann, A.	523	Nitsche-Schmitz, D. P.	523	Tame, J. R. H.	427
Bogoyevitch, M. A.	399	Hough, J.	537	Ohshiro, K.	571	Tanaka, Y.	571
Bright, N. J.	503	Igea, A.	549	Okudaira, T.	571	Tanner, J. A.	493
Carling, D.	503	Ishikawa, C.	573	O'Neill, L. A. J.	576	Teruya, H.	573
Catimel, B.	399	Jiu, Y.	383	Pantopoulos, K.	365	Thornton, C.	503
Chan, A.-T.	537	Jones, L.	445	Patel, N.	473	Tomita, M.	571
Chan, C.	493	Kalra, V. K.	473	Perugini, M. A.	399	Tomter, A. B.	391
Chen, H.-C.	513	Kirch, H.-H.	459	Petersen, J.	459	Uchihara, J.-N.	571
Cheng, H.-C.	399	Lescar, J.	537	Pisano, D. G.	549	Vinke, F. P.	575
Cheung, P. C. F.	537	Leung, C.-M.	493	Preissner, K. T.	523	Wang, J.	365
Chhatwal, G. S.	523	Lio, D. S.	399	Qureshi, I. A.	537	Wang, L.	383
Church, N.	399	Liu, L.	383	Rabouille, C.	575	Watanabe, M.	427
Cohen, P.	537	Liu, W.	513	Reeder, B. J.	483	Watt, P. M.	399
Cuadrado, A.	549	Liu, X.-Y.	537	Reginsson, G. W.	353	Wilson, M. T.	483
Dai, L.	537	Logan, M. R.	445	Rohde, M.	523	Xi, J.	537
Dogovski, C.	399	Malay, A. D.	427	Ruedl, C.	537	Xia, Z.	383
Dolado, I.	549	Malbon, C. C.	575	Runnels, L. W.	513	Xu, P.	383
Eitzen, G.	445	Malik, P.	473	Sastre, M.	503	Xu, T.	383
Falnes, P. Ø.	391	Marin, M.	559	Schiemann, O.	353	Yamamoto, K.	573
Forsberg, D.	445	Matsuda, T.	571	Seh, C.-C.	537	Yu, Y.	383
Fujita, J.	573	McIver, E. G.	537	Semenza, G. L.	571	Zaremba, A.	415
Fulde, M.	523	Melikyan, G. B.	559	Shears, S. B.	415	Zhan, Y.	383
Goh, E. T. H.	537	Michiels, C.	571	Shum, K. T.	493	Zhang, M.	435
Gokhale, N. A.	415	Miyauchi, K.	559	Smith, H.	537	Zhang, Yang	435
Gomez-Lopez, G.	549	Mori, N.	571, 573	Song, E.	383	Zhang, Yong	435
González-Pagán, O.	513			Stiti, N.	459	Zoppellaro, G.	391
				Su, L.-T.	513		

Index of Authors

Volume 434, 2011

	PAGE		PAGE		PAGE		PAGE
Abu-Hayyeh, S.	49	Goh, E. T. H.	537	Meenhuis, A.	343	Shum, K. T.	493
Adewale, I. O.	459	Gokhale, N. A.	415	Meinert Niclasen, L.	123	Smets, B.	243
Alessi, D. R.	265	Goldin, R. D.	49	Melikyan, G. B.	559	Smith, H.	537
Andersson, K. K.	391	Gomez-Lopez, G.	549	Meroni, G.	309	Song, E.	383
Angrand, P.-O.	333	González-Pagán, O.	513	Michiels, C.	571	Sorcek, R. J.	93
Ashworth, A.	49	Gourlay, R.	537	Mindthoff, S.	161	Sørensen, O. E.	123
Atsma, D.	25	Gray, A.	265	Miranda-Vizuete, A.	133	Stiti, N.	459
Avery, S. V.	201	Grewer, C.	287	Miyauchi, K.	559	Su, L.-T.	513
Avila, H.	233	Grieve, A. G.	575	Mobberley, M.	49	Svistunenko, D. A.	483
Azroyan, A.	61	Grunau, S.	161	Mordasini, D.	61	Swann, K.	211
		Guérandel, C.	333	Mori, N.	571, 573	Swat, A.	549
				Morton, S.	537	Swinnen, E.	243
Bai, M.	143			Muckett, P. J.	49, 503		
Baier, A.	445	Habas, R.	513	Mummery, C. L.	25		
Bartels, D.	459	Han, C.	171			Tahara, S. M.	473
Behnke, J.	219	Hartig, S.	233			Taira, N.	571
Bergmann, S.	523	Hay, R. T.	309	Nachon, F.	73	Takamatsu, R.	573
Bjørnstad, L. G.	391	Heddle, J. G.	427	Napolitano, L. M.	309	Takeshima, E.	573
Bodman, A.	445	Heslegrave, A. J.	49	Nebreda, A. R.	549	Tame, J. R. H.	427
Bogoyevitch, M. A.	399	Heuner, K.	573	Nerlich, A.	523	Tanaka, Y.	571
Boulay, G.	333	Higa, F.	573	Ng, D. C. H.	399	Tanese, N.	83
Boyd, D. D.	233	Hitzmann, A.	523	Ngoei, K. R. W.	399	Tanner, J. A.	493
Bright, N. J.	503	Hottiger, M. O.	253	Ni, M.	181	Teruya, H.	573
		Hough, J.	93, 537	Nicolet, Y.	73	Theodoridou, M.	211
				Nitsche-Schmitz, D. P.	523	Thornton, C.	503
Calver, B. L.	211			Nomikos, M.	211	Tomita, M.	571
Calvo, A. C.	133	Igea, A.	549	Nounesis, G.	211	Tomter, A. B.	391
Competella, O.	153	Inoue, H.	83			Touw, I. P.	343
Carletti, E.	73	Ishikawa, C.	573			Tribulatti, M. V.	153
Carling, D.	49, 503	Izumikawa, T.	321	O'Neill, L. A. J.	e1, 576		
Catimel, B.	399			Ohshiro, K.	571	Uchihara, J.-N.	571
Cattaneo, V.	153	Jaffray, E. G.	309	Okudaira, T.	571		
Cecchini, M. J.	297	Jiang, L.	275	Okuura, Y.	321		
Chan, A.-T.	537	Jin, S.	171	Olivares-Trejo, J. J.	105		
Chan, C.	493	Jiu, Y.	383	Olsen, J. G.	123		
Chauhan, S.	233	Jones, L.	445			Valovka, T.	253
Chen, H.-C.	513	Just, W. W.	161			Verwijmeren, C.	343
Chen, J.	275	Jørgensen, C.	189			Vinke, F. P.	575
Chen, Y.-G.	1			Pantopoulos, K.	365		
Cheng, H.-C.	399			Park, I.	171	Wandhammer, M.	73
Cheung, P. C. F.	537	Kalra, V. K.	473	Park, W. J.	171	Wang, C.	275
Chhatwal, G. S.	523	Kim, D. H.	171	Park, Z. Y.	171	Wang, C.-c.	113
Cho, C.	171	Kim, D.	171	Parkhurst, C. N.	83	Wang, H.	233
Choi, H.	171	Kim, J.	171	Passier, R.	25	Wang, H.-Y.	143
Church, N.	399	Kirch, H.-H.	459	Patel, N.	473	Wang, J.	365
Clark, K.	93	Kitagawa, H.	321	Pease, J. E.	11	Wang, J.	113
Clements, M.	49	Koike, T.	321	Peggie, M.	93	Wang, Lei	383
Cohen, P.	93, 537	Kono, E. A.	83	Perrett, S.	143	Wang, Lifen	275
Crambert, G.	61	Kragelund, B. B.	123	Perugini, M. A.	399	Wang, T.	275
Cruz-Castañeda, A.	105	Kwon, J. T.	171	Petersen, J.	459	Wasserman, D. H.	265
Cuadrado, A.	549			Pey, A. L.	133	Watanabe, M.	427
Cui, Y.	275			Pisano, D. G.	549	Watt, P. M.	399
Cumbes, B.	211	Laghmani, K.	61	Plater, L.	93	Williamson, C.	49
Cutillas, P. R.	189	Lai, F. A.	211	Platta, H. W.	161	Wilson, M. T.	483
		Lay, D.	161	Preissner, K. T.	523	Winderickx, J.	243
		Lee, A. S.	181			Withers, D. J.	49
Dagil, R.	123	Lee, B.	171	Qing, Z.	123	Wong, J.	275
Dai, L.	537	Leprince, D.	333	Qureshi, I. A.	537	Woods, A.	49
Dambrot, C.	25	Lescar, J.	537			Wullschlegler, S.	265
De Snijder, P.	243	Leung, C.-M.	493	Rabouille, C.	575		
Dick, F. A.	297	Levene, A. P.	49	Reeder, B. J.	483	Xi, J.	537
Dogovski, C.	399	Li, X.	275	Reginsson, G. W.	353	Xia, Z.	383
Dolado, I.	549	Li, Y.	275	Rohde, M.	523	Xu, P.	383
Døskeland, A. P.	133	Lifirsu, E.	171	Roovers, O.	343	Xu, T.	383
Doucet, A.	61	Lio, D. S.	399	Rosnoble, C.	333		
		Liu, L.	383	Ruedl, C.	537	Yamamoto, K.	573
		Liu, W.	513	Runnels, L. W.	513	Yan, X.	1
Edwards, A.	61	Liu, X.-Y.	537	Ryder, T. A.	49	Young, E. R. R.	93
Eitzen, G.	445	Lockridge, O.	73			Yu, Y.	143, 383
Elgmati, K.	211	Logan, M. R.	445	Saftig, P.	219		
Eskelinen, E.-L.	219	López-Casamichana, M.	105	Sakamoto, K.	265	Zander, C. B.	287
Erdmann, R.	161			Sakoda, N.	321	Zaremba, A.	415
		Madwed, J. B.	93	Santamaria-Kisiel, L.	37	Zhan, Y.	383
Falnes, P. Ø.	391	Malay, A. D.	427	Sastre, M.	503	Zhang, M.	275, 435
Forsberg, D.	445	Malbon, C. C.	575	Schiemann, O.	353	Zhang, S.	275
Fujita, J.	573	Malik, P.	473	Schopfer, L. M.	73	Zhang, W.	275
Fulde, M.	523	Marin, M.	559	Schröder, B.	219	Zhang, Yang	435
Furukawa, T.	83	Martinez, A.	133	Seh, C.-C.	537	Zhang, Yi	181
		Masson, P.	73	Semenza, G. L.	571	Zhang, Yong	435
Ghillebert, R.	243	Matsuda, T.	571	Shaw, G. S.	37	Zhang, Z.	287
Giannakopoulos, S.	83	Matsumura, T.	83	Shears, S. B.	415	Zhu, L.	113
Girzalsky, W.	161	Mclver, E. G.	93, 537	Shen, J.	275	Zoppellaro, G.	391