

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**J. F. Cáceres** • Edinburgh**D. Carling** • London**L. J. Goodyear** • Boston, MA**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** • New Haven, CT**D. Tosh** • Bath**D. M. F. van Aalten** • Dundee**B. Vanhaesebrouck** • London**H. M. Wallace** • Aberdeen**M. F. White** • St Andrews

Publisher

P. J. Starley

Executive Editor

M. R. Thorne

Head of Production

M. D. Cunningham

Staff Editors

M. Banerjee**C. L. Curtis****E. A. G. Elloway****J. W. Mockridge****H. F. Roberts**

Editorial Assistant

P. D. Taylor

Administrative Editor, US Office

S. Schendel

Administrative Editor, China Office

L. Huo

- J. Ariño (Barcelona)
 S. M. Assmann (University Park, PA)
 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)
 L. H. Boise (Atlanta, GA)
 J. Bolaños (Salamanca)
 P. J. Booth (Bristol)
 L. Boscá (Madrid)
 S. Bröer (Canberra)
 P. S. Brookes (Rochester, NY)
 N. J. Buckley (London)
 D. Burger (Geneva)
 M. Cascante (Barcelona)
 R. A. Casero, Jr (Baltimore, MD)
 Y.-G. Chen (Beijing)
 L. Chernomordik (Bethesda, MD)
 A. C. Clark (Raleigh, NC)
 V. Darley-Usoñar (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. A. Hardy (Amherst, MA)
 J. M. Horowitz (Raleigh, NC)
 E. Ikonen (Helsinki)
 A. Imberty (Grenoble)
 D. A. Jans (Monash)
 P. A. Jeggo (Brighton)
 D. Jordan (Peoria, IL)
 M. G. Kazanietz (Philadelphia, PA)
 Z. Knight (New York, NY)
 D. Komander (Cambridge)
 D. W. Laird (London, ON)
 J. H. Lakey (Newcastle)
 K. Lingelbach (Marburg)
 D. W. Litchfield (London, ON)
 B. Luisi (Cambridge)
 B. D. Manning (Boston, MA)
 E. Manser (Singapore)
 M. McManus (Palmerston North)
 J. Miernyk (Columbia, MO)
 C. A. Mitchell (Melbourne)
 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)
 A. R. Nebreda (Barcelona)
 W. Ogawa (Kobe)
 M. Okada (Osaka)
 G. Panayotou (Vari)
 S. Patel (London)
 G. Pavitt (Manchester)
 D. Pei (Columbus, OH)
 N. D. Perkins (Newcastle)
 P. F. Pilch (Boston, MA)
 W. C. Plaxton (Kingston, ON)
 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)
 K. Schumacher (Heidelberg)
 P. T. Schumacker (Chicago, IL)
 M. C. Seabra (London)
 F. J. Sharom (Guelph, ON)
 G. S. Shelness (Winston-Salem, NC)
 H. Shimano (Tsukuba City)
 J. Slack (Minneapolis, MN)
 E. Smythe (Sheffield)
 S. Spiegel (Richmond, VA)
 M. 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, AB)
 S. P. Watson (Birmingham)
 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:** M. Sharon 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.

Instructions to Authors

● 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 refereed 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 China should contact: Dr Lin Huo, Institute of Biophysics, Chinese Academy of Sciences, Room 5202, 15 Datun Road, Chaoyang District, Beijing 100101 (telephone +86 10 64888573; email editorial@biochemj.cn). 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 Full or Early Career 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 2012 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
One year (8 vols)	US\$4529	£2530	€3830
Print and online			
Online only	US\$4076	£2278	€3446
Single issues (print only)	US\$256	£130	€220

Overseas rates include airfreight delivery. Airspeeded delivery is available at an additional cost of £92.85/\$142/€115.

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 marketing@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).

Research Papers

Receptor-isoform-selective insulin analogues give tissue-preferential effects

*Published as BJ Immediate Publication 18 August 2011,
doi:10.1042/BJ20110880*

Salmonella enterica serotype Typhimurium usurps the scaffold protein IQGAP1 to manipulate Rac1 and MAPK signalling

*Published as BJ Immediate Publication 18 August 2011,
doi:10.1042/BJ20110419*

Dimerization of MT1-MMP during cellular invasion detected by fluorescence resonance energy transfer

*Published as BJ Immediate Publication 16 August 2011,
doi:10.1042/BJ20110424*

Protein kinase D controls voluntary-running-induced skeletal muscle remodelling

*Published as BJ Immediate Publication 18 August 2011,
doi:10.1042/BJ20101980*

Retinaldehyde is a substrate for human aldo–keto reductases of the 1C subfamily

*Published as BJ Immediate Publication 18 August 2011,
doi:10.1042/BJ20111286*

Sphingosine kinase type 1 inhibition reveals rapid turnover of circulating sphingosine 1-phosphate

*Published as BJ Immediate Publication 18 August 2011,
doi:10.1042/BJ20110817*

Ionotropic glutamate receptor (iGluR)-like channels mediate MAMP-induced calcium influx in

Arabidopsis thaliana

*Published as BJ Immediate Publication 18 August 2011,
doi:10.1042/BJ20111112*

Structural stabilization of protein 4.1R FERM domain upon binding to apo-calmodulin: novel insights into the biological significance of the calcium-independent binding of calmodulin to protein 4.1R

*Published as BJ Immediate Publication 17 August 2011,
doi:10.1042/BJ20110676*

Alternative pathways of dehydroascorbic acid degradation *in vitro* and in plant cell cultures: novel insights into vitamin C catabolism

*Published as BJ Immediate Publication 17 August 2011,
doi:10.1042/BJ20110939*

Adiponectin inhibits leptin signalling via multiple mechanisms to exert protective effects against hepatic fibrosis

*Published as BJ Immediate Publication 16 August 2011,
doi:10.1042/BJ20102148*

Insight into the molecular basis for the kinetic differences between the two insulin receptor isoforms

*Published as BJ Immediate Publication 15 August 2011,
doi:10.1042/BJ20110550*

S.G. Vienberg, S.D. Bouman, H. Sørensen, C.E. Stidsen, T. Kjeldsen, T. Glendorf, A.R. Sørensen, G.S. Olsen, B. Andersen and E. Nishimura

301–308

H. Kim, C.D. White, Z. Li and D.B. Sacks

309–318



319–326

Y. Itoh, R. Palmisano, N. Anilkumar, H. Nagase, A. Miyawaki and M. Seiki



327–334

K. Ellwanger, C. Kienzle, S. Lutz, Z.-G. Jin, M.T. Wiekowski, K. Pfizenmaier and A. Hausser



335–344

F.X. Ruiz, S. Porté, O. Gallego, A. Moro, A. Ardèvol, A. Del Río-Espínola, C. Rovira, J. Farrés and X. Parés



345–353

Y. Kharel, T.P. Mathews, A.M. Gellett, J.L. Tomsig, P.C. Kennedy, M.L. Moyer, T.L. Macdonald and K.R. Lynch



355–365

M. Kwaaitaal, R. Huisman, J. Maintz, A. Reinstädler and R. Panstruga



367–374

W. Nunomura, D. Sasakura, K. Shiba, S. Nakamura, S.-i. Kidokoro and Y. Takakuwa



375–383

H.T. Parsons, T. Yasmin and S.C. Fry



385–395

J.A. Handy, P.P. Fu, P. Kumar, J.E. Mellis, S. Sharma, N.K. Saxena and F.A. Anania

L. Knudsen, P. De Meyts and V.V. Kiselyov

397–403

Contents

Activating ALK mutations found in neuroblastoma are inhibited by Crizotinib and NVP-TAE684
Published as BJ Immediate Publication 15 August 2011,
doi:10.1042/BJ20101796

C. Schönherr, K. Ruuth, Y. Yamazaki, T. Eriksson,
J. Christensen, R.H. Palmer and B. Hallberg



405–413

Corrections

A common structural blueprint for plant UDP-sugar-producing pyrophosphorylases

L.A. Kleczkowski, M. Geisler, E. Fitzek and M. Wilczynska

415

Inhibition of the chlorinating activity of myeloperoxidase by tempol: revisiting the kinetics and mechanisms

R.F. Queiroz, S.M. Vaz and O. Augusto

415

Index of Authors

PAGE		PAGE		PAGE	
Anania, F. A.	385	Handy, J. A.	385	Mathews, T. P.	345
Andersen, B.	301	Hausser, A.	327	Mells, J. E.	385
Anilkumar, N.	319	Huisman, R.	355	Miyawaki, A.	319
Ardèvol, A.	335			Moro, A.	335
Augusto, O.	415	Itoh, Y.	319	Moyer, M. L.	345
Bouman, S. D.	301	Jin, Z.-G.	327	Nagase, H.	319
Christensen, J.	405	Kennedy, P. C.	345	Nakamura, S.	367
Del Río-Espinola, A.	335	Kharel, Y.	345	Nishimura, E.	301
De Meyts, P.	397	Kidokoro, S.-i.	367	Nunomura, W.	367
Ellwanger, K.	327	Kienzle, C.	327	Olsen, G. S.	301
Eriksson, T.	405	Kim, H.	309	Palmer, R. H.	405
Farrés, J.	335	Kiselyov, V. V.	397	Palmisano, R.	319
Fitzek, E.	415	Kjeldsen, T.	301	Panstruga, R.	355
Fry, S. C.	375	Kleckowski, L. A.	415	Parés, X.	335
Fu, P. P.	385	Knudsen, L.	397	Parsons, H. T.	375
Gallego, O.	335	Kumar, P.	385	Pfizenmaier, K.	327
Geisler, M.	415	Kwaaitaal, M.	355	Porté, S.	335
Gellett, A. M.	345	Li, Z.	309	White, C. D.	309
Glendorf, T.	301	Lutz, S.	327	Wiekowski, M. T.	327
Hallberg, B.	405	Lynch, K. R.	345	Wilczynska, M.	415
		Macdonald, T. L.	345	Reinstädler, A.	355
		Maintz, J.	355	Rovira, C.	335
				Ruuth, K.	405
				Sacks, D. B.	309
				Sasakura, D.	367
				Saxena, N. K.	385
				Seiki, M.	319
				Sharma, S.	385
				Shiba, K.	367
				Sørensen, A. R.	301
				Sørensen, H.	301
				Stidsen, C. E.	301
				Takakuwa, Y.	367
				Tomsig, J. L.	345
				Vaz, S. M.	415
				Vienberg, S. G.	301
				Yamazaki, Y.	405
				Yasmin, T.	375

Index of Authors

Volume 440, 2011

PAGE	PAGE	PAGE	PAGE
Alderliesten, M. C.	127	Fry, S. C.	375
Ali, A.	273	Fu, P. P.	385
Anania, F. A.	385		
Andersen, B.	301	Gall, A.	51
Ando, H.	241	Gallego, O.	335
Anilkumar, N.	319	Garaci, E.	251
Aoyama, C.	241	Gardiner, A. T.	51
Ardévol, A.	335	Geisler, M.	415
Augusto, O.	415	Gellett, A. M.	345
Bach, M.	283	Glendorf, T.	301
Balla, T.	185	González-Mariscal, I.	107
Ballesteros, M.	107	Grimsby, J.	203
Bass, J.	203	Hallberg, B.	405
Blankenship, R. E.	51	Handy, J. A.	385
Bohr, V. A.	293	Hausser, A.	327
Boscaro, F.	251	He, S.	13
Bossemeyer, D.	85	Heinäniemi, M.	167
Bouman, S. D.	301	Henne, W. M.	185
Bracht, T.	1	Herrmann, C.	147
Brautigan, D. L.	107	Hockla, A.	95
Brotosudarmo, T. H. P.	51	Horibata, Y.	241
Buettger, C.	203	Huisman, R.	355
Cabrito, T. R.	195	Imai, K.	63
Chen, P.	203	Imamura, T.	33
Chen, Z.	23	Itoh, Y.	319
Chernomordik, L. V.	185		
Chin, Y. R.	157	James, D. E.	283
Christensen, J.	405	Jin, Y.	23
Cintrón, R.	229	Jin, Z.-G.	327
Cogdell, R. J.	51	Jones, D. R.	127
Collins, A. M.	51	Jyrkkänen, H.-K.	167
Cui, H.	273	Kansanen, E.	167
Dai, Y.	23	Kato, H.	33
Dancis, A.	137	Kaunisto, A.	157
Dani, F. R.	251	Kennedy, P. C.	345
Deb, I.	115	Kharel, Y.	345
De Filippis, V.	251	Kidokoro, S.-i.	367
de Oliveira, T. M.	85	Kienzle, C.	327
Dell'Orco, D.	263	Kim, H.	309
Del Río-Espínola, A.	335	Kiselyov, V. V.	397
De Luca, A.	175	Kjeldsen, T.	301
De Meyts, P.	397	Klarenbeek, J. B.	127
Ding, K.	273	Kleczkowski, L. A.	415
Divecha, N.	127	Knudsen, L.	397
Docampo, M. D.	229	Koch, K.-W.	263
Donnini, S.	251	Kolokythas, A.	23
Du, D.-H.	217	Kozlov, M. M.	185
Ebato, K.	33	Kulikowicz, T.	293
Eble, J. A.	1	Kumar, P.	385
Ellwanger, K.	327	Kunzelmann, S.	43
Engh, R. A.	85	Kuosmanen, S.	167
Eriani, G.	217	Kwaaitaal, M.	355
Eriksson, T.	405	Laberge, M.	203
Fang, Jianmin	229	Langen, R.	185
Fang, Jianping	273	Larance, M.	283
Farrace, M. G.	175	Leikina, E.	185
Farrés, J.	335	Leinonen, H.	167
Federici, G.	175	Lesuisse, E.	137
Fenner, D.	203	Levonén, A.-L.	167
Figueiredo de Rezende, F.	1	Li, Z.	309
Finetti, F.	251	Liu, Q.	273
Fitzek, E.	415	Liu, R.-J.	217
Fokina, O.	147	Liu, X.	23
Forchhammer, K.	147	Lo Bello, M.	175
Francese, S.	251	Lutz, S.	327
Frasson, R.	251	Lynch, K. R.	345
		Lyver, E. R.	137
		Macdonald, T. L.	345
		Maintz, J.	355
		Martin-Montalvo, A.	107
		Maset, F.	251
		Mathews, T. P.	345
		Matschinsky, F. M.	203
		May, J. M.	73
		McMahon, H. T.	185
		Mella-Aho, E.	167
		Mells, J. E.	385
		Miyajima, A.	33
		Miyakawa, Y.	33
		Miyata, N.	33
		Miyawaki, A.	229
		Moreno, S. N. J.	335
		Moro, A.	175
		Moroni, G.	175
		Moroni, N.	175
		Moyer, M. L.	345
		Mukherjee, S.	115
		Nagase, H.	319
		Nakamura, S.	367
		Navas, P.	107
		Nishimura, E.	301
		Nunomura, W.	367
		Odili, S.	203
		Okamoto, K.	63
		Olsen, G. S.	301
		Pace, D. A.	229
		Padilla, S.	107
		Pain, D.	137
		Pain, J.	137
		Palmer, R. H.	405
		Palmieri, M.	251
		Palmisano, R.	319
		Panstruga, R.	355
		Parsons, H. T.	375
		Parés, X.	335
		Pastore, A.	175
		Paul, S.	115
		Pazzaglia, M.	251
		Pedersen, J. Z.	175
		Pestana, C.	293
		Petruzzelli, R.	175
		Pfizenmaier, K.	327
		Pflug, A.	85
		Pierimarchi, P.	175
		Poddar, R.	115
		Popova, M.	185
		Porté, S.	335
		Prasad, R.	195
		Primavera, A.	175
		Qiao, H.	73
		Queiroz, R. F.	415
		Radisky, D. C.	95
		Radisky, E. S.	95
		Ramm, G.	283
		Reinstädler, A.	355
		Richard, J.-P.	185
		Roszak, A. W.	51
		Rovira, C.	335
		Ruiz, F. X.	335
		Ruuth, K.	405
		Sacks, D. B.	309
		Sá-Correia, I.	195
		Saito, S.	33
		Sakimoto, Y.	63
		Salameh, M. A.	95
		Santos-Ocaña, C.	107
		Sarabu, R.	203
		Sasakura, D.	367
		Satou, M.	241
		Saxena, N. K.	385
		Schönherr, C.	405
		Seiki, M.	319
		Senoo, H.	63
		Serafino, A.	175
		Shao, C.	273
		Sharma, S.	385
		Shiba, K.	367
		Shidoji, Y.	63
		Singh, A.	195
		Sinibaldi Vallebona, P.	175
		Soares, A. S.	95
		Sørensen, A. R.	301
		Sørensen, H.	301
		Sorokin, L. M.	1
		Stanley, C.	203
		Stepien, P. P.	293
		Stetefeld, J.	1
		Stevnsner, T.	293
		Stidsen, C. E.	301
		Sugimoto, H.	241
		Sugimoto, S.	241
		van Blitterswijk, W. J.	127
		Vanderkooi, J. M.	203
		van der Luit, A. H.	127
		van Lummel, M.	127
		Vaz, S. M.	415
		Venø, S. T.	293
		Verheij, M.	127
		Vienberg, S. G.	301
		Wang, C.	23
		Wang, E.-D.	217
		Wang, Y.	23
		Webb, M. R.	43
		White, C. D.	309
		Wiekowski, M. T.	327
		Wilczynska, M.	415
		Wu, Y.	13
		Xu, B.-S.	217
		Yamashita, S.	241
		Yamazaki, Y.	405
		Yasmin, T.	375
		Yiu, G. K.	157
		Ylä-Herttula, S.	167
		Yoon, H.	137
		Yu, D.	13
		Yu, Weishi	273
		Yu, Wenjie	273