

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

Production Editor

E. A. G. Elloway

Staff Editors

C. L. Curtis**J. W. Mockridge****H. F. Roberts**

Editorial Assistant

P. D. Taylor

Administrative Editor, US Office

S. Schendel

Administrative Editor, China Office

L. Huo

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)

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-Ussmar (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)

S. Flitsch (Manchester)

F. Foufelle (Paris)

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

B. Halliwell (Singapore)

J. A. Hardy (Amherst, MA)

J. M. Horowitz (Raleigh, NC)

E. Ikonen (Helsinki)

A. Imbert (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)

K. Lingelbach (Marburg)

D. W. Litchfield (London, ON)

M. Lowe (Manchester)

B. Luisi (Cambridge)

B. D. Manning (Boston, MA)

S. Mayor (Bangalore)

M. McManus (Palmerston North)

G. Melino (Leicester)

J. Miernyk (Columbia, MO)

E. T. Morgan (Atlanta, GA)

S. J. Morley (Brighton)

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)

D. Pei (Columbus, OH)

P. F. Pilch (Boston, MA)

W. C. Plaxton (Kingston, ON)

S. Ponnambalam (Leeds)

R. Y. Poon (Hong Kong)

B. V. L. Potter (Bath)

C. G. Proud (Southampton)

Z. Radić (La Jolla, CA)

K. Rittinger (London)

M. F. Roberts (Boston, MA)

J. M. Sanchez-Ruiz (Granada)

F. Sargent (Dundee)

R. Sasisekharan (Cambridge, MA)

N. Savery (Bristol)

J. R. Sayers (Sheffield)

K. Schumacher (Heidelberg)

P. T. Schumacker (Chicago, IL)

F. J. Sharom (Guelph, ON)

R. J. Shaw (La Jolla, CA)

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

H. Shimano (Tsukuba City)

J. Slack (Minneapolis, MN)

S. Spiegel (Richmond, VA)

W. M. Stark (Glasgow)

G. R. Steinberg (Hamilton, ON)

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)

S. Urbé (Liverpool)

H. J. Vogel (Calgary, AB)

S. P. Watson (Birmingham)

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 © 2012 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 Air Business Ltd, 156–15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, 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 0264-6021/2012/\$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 Jamaica, NY 11431
- **Postmaster:** send address corrections to *Biochemical Journal*, c/o Air Business Ltd, c/o Worldnet Shipping Inc., 156–15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, 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 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 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 2JU, 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 2013 volumes 449–456 (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 2013 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. One year (8 vols) Print and online	America US\$4820	Rest of world £2720	Euro €4050
	Online only	US\$4340	£2440	€3660
	Single issues (print only)	US\$272	£139	€234

Overseas rates include airfreight delivery. Airspeeded delivery is available at an additional cost of £112.35/\$199/€168.

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).

Accelerated Publications

Structural and functional insights into the role of the N-terminal Mps1 TPR domain in the SAC (spindle assembly checkpoint)

*Published as BJ Immediate Publication 16 October 2012,
doi:10.1042/BJ20121448*

Erlotinib binds both inactive and active conformations of the EGFR tyrosine kinase domain

*Published as BJ Immediate Publication 29 October 2012,
doi:10.1042/BJ20121513*

P. Thebault, D.Y. Chirgadze, Z. Dou, T.L. Blundell,
S. Elowe and V.M. Bolanos-Garcia



321–328

Research Papers

Defective valyl-tRNA synthetase hampers the mitochondrial respiratory chain in *Neurospora crassa*

*Published as BJ Immediate Publication 7 September 2012,
doi:10.1042/BJ20120963*

The activation loop of PKA catalytic isoforms is differentially phosphorylated by Pkh protein kinases in *Saccharomyces cerevisiae*

*Published as BJ Immediate Publication 7 September 2012,
doi:10.1042/BJ20121061*

MpaA is a murein-tripeptide-specific zinc carboxypeptidase that functions as part of a catabolic pathway for peptidoglycan-derived peptides in γ -proteobacteria

*Published as BJ Immediate Publication 12 September 2012,
doi:10.1042/BJ20121164*

The small heat-shock protein α B-crystallin uses different mechanisms of chaperone action to prevent the amorphous versus fibrillar aggregation of α -lactalbumin

*Published as BJ Immediate Publication 24 September 2012,
doi:10.1042/BJ20121187*

Controlled nuclear import of the transcription factor NTL6 reveals a cytoplasmic role of SnRK2.8 in the drought-stress response

*Published as BJ Immediate Publication 11 September 2012,
doi:10.1042/BJ20120244*

The yeast vacuolar ABC transporter Ybt1p regulates membrane fusion through Ca^{2+} transport modulation

*Published as BJ Immediate Publication 12 September 2012,
doi:10.1042/BJ20120847*

Glucan affinity of starch synthase IIa determines binding of starch synthase I and starch-branched enzyme IIb to starch granules

*Published as BJ Immediate Publication 10 September 2012,
doi:10.1042/BJ20120573*

Glutathione export from human erythrocytes and *Plasmodium falciparum* malaria parasites

*Published as BJ Immediate Publication 5 September 2012,
doi:10.1042/BJ20121050*

M. Duarte and A. Videira



297–306

S. Haesendonckx, V. Tudisca, K. Voordeckers, S. Moreno,
J.M. Thevelein and P. Portela



307–320

A. Maqbool, M. Hervé, D. Mengin-Lecreux,
A.J. Wilkinson and G.H. Thomas



329–341

M. Kulig and H. Ecroyd



343–352

M.J. Kim, M.-J. Park, P.J. Seo, J.-S. Song, H.-J. Kim and
C.-M. Park



353–363

T.L. Sasser, M. Padolina and R.A. Fratti

365–372

F. Liu, N. Romanova, E.A. Lee, R. Ahmed, M. Evans,
E.P. Gilbert, M.K. Morell, M.J. Emes and I.J. Tetlow



373–387

M.A. Barrand, M. Winterberg, F. Ng, M. Nguyen, K. Kirk
and S.B. Hladky

389–400

Contents

The substrate/product-binding modes of a novel GH120 β -xylosidase (XylC) from *Thermoanaerobacterium saccharolyticum* JW/SL-YS485
Published as BJ Immediate Publication 20 September 2012,
doi:10.1042/BJ20121359

C.-H. Huang, Y. Sun, T.-P. Ko, C.-C. Chen, Y. Zheng,
H.-C. Chan, X. Pang, J. Wiegel, W. Shao and R.-T. Guo



401–407

Mislocalization and inhibition of acetyl-CoA carboxylase 1 by a synthetic small molecule
Published as BJ Immediate Publication 15 October 2012,
doi:10.1042/BJ20121158

D. Jung, L. Abu-Elheiga, R. Ayuzawa, Z. Gu, T. Shirakawa,
Y. Fujiki, N. Nakatsuji, S.J. Wakil and M. Uesugi



409–416

Index of Authors

	PAGE		PAGE		PAGE		PAGE
Abu-Elheiga, L.	409	Gilbert, E. P.	373	Maqbool, A.	329	Shirakawa, T.	409
Ahmed, R.	373	Gu, Z.	409	Mengin-Lecreulx, D.	329	Song, J.-S.	353
Ayuzawa, R.	409	Guo, R.-T.	401	Morell, M. K.	373	Sun, Y.	401
				Moreno, S.	307		
Barrand, M. A.	389	Haesendonckx, S.	307			Tetlow, I. J.	373
Blundell, T. L.	321	Hervé, M.	329	Nakatsuji, N.	409	Thebault, P.	321
Bolanos-Garcia, V. M.	321	Hladky, S. B.	389	Ng, F.	389	Thevelein, J. M.	307
		Huang, C.-H.	401	Nguyen, M.	389	Thomas, G. H.	329
Chan, H.-C.	401			Padolina, M.	365	Tudisca, V.	307
Chen, C.-C.	401	Jung, D.	409	Pang, X.	401	Uesugi, M.	409
Chirgadze, D. Y.	321			Park, C.-M.	353		
Dou, Z.	321	Kim, H.-J.	353	Park, J. H.	417	Wakil, S. J.	409
Duarte, M.	297	Kim, M. J.	353	Park, M.-J.	353	Wiegel, J.	401
		Kirk, K.	389	Portela, P.	307	Wilkinson, A. J.	329
Ecroyd, H.	343	Ko, T.-P.	401	Radhakrishnan, R.	417	Voordeckers, K.	307
Elowe, S.	321	Kulig, M.	343	Romanova, N.	373		
Emes, M. J.	373			Sasser, T. L.	365	Winterberg, M.	389
Evans, M.	373	Lee, E. A.	373	Seo, P. J.	353		
		Lemmon, M. A.	417	Shao, W.	401	Zheng, Y.	401
Fratti, R. A.	365	Liu, F.	373				
Fujiki, Y.	409	Liu, J.	417				

Index of Authors

Volume 448, 2012

PAGE	PAGE	PAGE	PAGE
Abu-Elheiga, L.	409	Greulich, S.	43
Ahmed, R.	373	Grimm, S.	127
Ahmed, S.	21	Grune, T.	127
Alessi, D. R.	285	Gu, L.	201
Allen, J. W. A.	253	Gu, Z.	409
Angin, Y.	43	Guduric-Fuchs, J.	103
Artim, S. C.	213	Guo, R.-T.	401
Ashani, Y.	83		
Auld, D. S.	67	Haesendonckx, S.	307
Ayuzawa, R.	409	Hanada, T.	141
Barrand, M. A.	389	Hanitzsch, M.	243
Barratt, C. L. R.	189	Hayakawa, Y.	273
Barrett, R. M.	1	Hedrich, R.	243
Bird, G. S.	273	Hervé, M.	329
Blackburn, E. A.	67	Hirose, M.	221
Blundell, T. L.	321	Hladky, S. B.	389
Boehringer, J.	55	Hoebers, N. T. H.	43
Bolanos-Garcia, V. M.	321	Höhn, A.	127
Boxer, M. B.	67	Holloway, G. P.	13
Brugnara, C.	141	Holsboer, F.	93
Cang, H.	201	Horiuchi-Hirose, M.	221
Chan, H.-C.	401	Hörlacher, M.	127
Chen, C.-C.	401	Hu, J.	201
Chirgadze, D. Y.	321	Huang, C.-H.	401
Chishti, A. H.	141	Insall, R. H.	35
Chou, C.	21	Janetzki, P.	243
Coldwell, M. J.	1	Johnson, E. O. D.	55
Collins, A.	103	Jung, D.	409
Correia, J.	189	Kashihara, T.	221
Costello, S.	189	Khan, A.	141
Coumans, W. A.	43	Khoudian, C.	55
Cowan, J. L.	1	Kim, H.-J.	353
Creemers, J. W. M.	73	Kim, M. J.	353
Dancis, A.	171	Kinne, J.	73
David, G.	73	Kirk, K.	389
De Franceschi, L.	141	Kirkman-Brown, J.	189
Declercq, J.	73	Ko, T.-P.	401
Deterding, L. J.	83	Korzhev, M.	233
Diamant, M.	43	Koves, T. R.	13
Dietz, K.-J.	243	Krebs, M.	243
Dou, Z.	321	Kulig, M.	343
Douma, K.	43	Lam, C. S.	21
Drew, D. P.	261	Lee, E. A.	373
Duarte, M.	297	Lefèvre, L.	189
Ecroyd, H.	343	Lemmon, M. A.	213, 417
Edgar, K.	103	Li, N.	201
Ehrenhaft, M.	83	Lim, L. H.	21
Elowe, S.	321	Lindberg, I.	73
Emes, M. J.	373	Liu, Fei	141
Endicott, J. A.	55	Liu, Fushan	373
Evans, M.	373	Liu, S.	201
		Liu, X.	201
		Liu, Y.	417
Flucher, B. E.	221	López-Duarte, M.	153
Foo, Y. H.	21	Lowe, E. D.	55
Fothergill-Gilmore, L. A.	67	Lu, D.	201
Fratti, R. A.	365	Luiken, J. J. F. P.	43
Fujiki, Y.	409		
Gan, H. T.	21	Machesky, L. M.	35
Ghassabeh, G. H.	73	Manczak, T.	261
Gilbert, E. P.	373	Mansell, S.	189
Ginger, M. L.	253	Maqbool, A.	329
Glatz, J. F. C.	43	Marten, I.	243
Goldoni, D.	103	Mason, R. P.	83
Golla, R.	171	McDonald, D. M.	103
Gomi, S.	221	McGahon, M. K.	103
Gordon, C.	55	McNae, I. W.	67
Grebenjuk, V. A.	233	Mendrola, J. M.	213
		Mengin-Lecreux, D.	329
		Meulemans, S.	73
		Michels, P. A. M.	67
		Mistri, T. K.	21
		Morell, M. K.	373
		Moreno, S.	307
		Morgan, H. P.	67
		Morley, S. J.	1
		Morris, J.	189
		Muoio, D. M.	13
		Muyldermans, S.	73
		Müller, W. E. G.	233
		Najafov, A.	285
		Nakada, T.	221
		Nakatsuiji, N.	409
		Nash, K.	189
		Neufer, P. D.	13
		Ng, F.	389
		Nguyen, M.	389
		Nishana, M.	115
		Noble, M. E. M.	55
		Nowicki, M. W.	67
		O'Connor, A.	103
		Ott, C.	127
		Ouwens, D. M.	43
		Padolina, M.	365
		Pain, D.	171
		Pandey, A.	171
		Pang, X.	401
		Paraskevopoulos, K.	55
		Park, C.-M.	353
		Park, J. H.	417
		Park, M.-J.	353
		Perisic, T.	93
		Perry, C. G. R.	13
		Pickel, B.	261
		Pipaon, C.	153
		Portela, P.	307
		Prieto-Remón, I.	153
		Publicover, S.	189
		Punt, E.	189
		Radhakrishnan, R.	417
		Raghavan, S. C.	115
		Rein, T.	93
		Richard, C.	153
		Riedinger, C.	55
		Rienmüller, F.	243
		Rivera, A.	141
		Ro, D.-K.	261
		Robson, P.	21
		Rodda, D.	21
		Rogalin, H.	141
		Romanova, N.	373
		Roth, E.	83
		Roucourt, B.	73
		Sack, U.	1
		Sam, K. A.	253
		Sánchez-Carrera, D.	153
		Sasser, T. L.	365
		Schlossmacher, U.	233
		Scholl, S.	243
		Schröder, H. C.	233
		Schumacher, K.	243
		Seidel, T.	243
		Seo, P. J.	353
		Shang, G.	201
		Shao, W.	401
		Shears, S. B.	273
		Shen, M.	67
		Sheng, X.	221
		Shibasaki, T.	221
		Shirakawa, T.	409
		Shapiro, N.	285
		Silman, I.	83
		Simons, P. J.	43
		Simonsen, H. T.	261
		Simpson, D. A.	103
		Sivakumar, K.	1
		Smith, B. K.	13
		Smith, D.	55
		Smith, J. C.	13
		Song, J.-S.	353
		Spence, H. J.	35
		Steinbusch, L. K. M.	43
		Sudhaharan, T.	21
		Sun, Y.	401
		Tang, H. R.	35
		Tetlow, I. J.	373
		Thebault, P.	321
		Thevelein, J. M.	307
		Thomas, G. H.	329
		Timpson, P.	35
		Triquigneaux, M. M.	83
		Tudisca, V.	307
		Uesugi, M.	409
		Vande Ven, W. J. M.	73
		van Zandvoort, M. A. M. J.	43
		Veith, H.	67
		Vermorken, A. J. M.	73
		Videira, A.	297
		Vlasak, M.	1
		Voordecker, K.	307
		Wakil, S. J.	409
		Walkinshaw, M. D.	67
		Walsh, M. J.	67
		Wang, H.	273
		Wang, X.	233
		Wear, M. A.	67
		Weber, D.	127
		Weiner, L.	83
		Weiszhaus, A.	141
		Wijnen, W.	43
		Wilkinson, A. J.	329
		Wilson, S. M.	189
		Winterberg, M.	389
		Wohland, T.	21
		Wright, D. C.	13
		Wu, S.	273
		Xu, S.	201
		Yamada, M.	221
		Yarham, J. M.	103
		Yoon, H.	171
		Yu, Q.	201
		Yu, S.	93
		Zaidi, A.	141
		Zhang, H.	201
		Zhang, J.	201
		Zhao, Y.	201
		Zheng, Y.	401
		Zhou, Y.	273
		Zhu, C.	201
		Zhu, J.	73
		Zimmermann, N.	93
		Zschocke, J.	93