

## 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. Ladbury** • Houston, TX**M. A. Lemmon** • Philadelphia, PA**C. MacKintosh** • Dundee**K. H. Mayo** • Minneapolis, MN**M. Murphy** • Cambridge**S. Roberts** • Buffalo, NY**M. A. Schwartz** • Charlottesville, VA**D. Tosh** • Bath**H. M. Wallace** • Aberdeen

Publisher

**P. J. Starley**

Executive Editor

**M. R. Thorne**

Production Manager

**M. D. Cunningham**

Staff Editors

**L. Ball****C. L. Curtis****E. A. G. Elloway****J. W. Mockridge**

Editorial Assistant

**H. F. Roberts**

Administrative Editor, US Office

**S. Schendel**

S. Akira (Osaka)	I. B. Holland (Orsay)	K. Rittinger (London)
R. A. Anderson (Madison, WI)	J. M. Horowitz (Raleigh, NC)	J. M. Sanchez-Ruiz (Granada)
J. Ariño (Barcelona)	A. Imberty (Grenoble)	R. Sasisekharan (Cambridge, MA)
J. M. Backer (Bronx, NY)	D. A. Jans (Monash)	N. Savery (Bristol)
B. M. Baker (Notre Dame, IN)	P.-S. Jayaraman (Birmingham)	J. R. Sayers (Sheffield)
J. L. Blank (Cambridge, MA)	D. Jordan (Peoria, IL)	M. C. Seabra (London)
M. A. Bogoyevitch (Melbourne, VIC)	M. G. Kazanietz (Philadelphia, PA)	F. J. Sharom (Guelph, Ont.)
L. H. Boise (Atlanta, GA)	D. W. Laird (London, Ont.)	G. S. Shelness (Winston-Salem, NC)
J. Bolaños (Salamanca)	J. H. Lakey (Newcastle upon Tyne)	E. Smythe (Sheffield)
P. J. Booth (Bristol)	K. Lingelbach (Marburg)	S. Spiegel (Richmond, VA)
L. Bosca (Madrid)	D. W. Litchfield (London, Ont.)	S. Stack (Columbia, MO)
B. Brüne (Frankfurt)	P. S. Lorenzo (Honolulu, HI)	W. M. Stark (Glasgow)
N. J. Buckley (London)	E. Manser (Singapore)	H. Stenmark (Oslo)
J. F. Cáceres (Edinburgh)	M. McManus (Palmerston North)	C. W. Taylor (Cambridge)
D. Carling (London)	J. Miernyk (Columbia, MO)	N. K. Tonks (Cold Spring Harbor, NY)
M. Cascante (Barcelona)	I. Morgan (Glasgow)	M. Torti (Pavia)
Y.-G. Chen (Beijing)	A. J. Morris (Lexington, KY)	C. Tournier (Manchester)
L. Chernomordik (Bethesda)	M. Muckenthaler (Heidelberg)	C. Troy (New York, NY)
A. C. Clark (Raleigh, NC)	B. Mulloy (South Mimms)	H. D. Ulrich (South Mimms)
V. Darley-Usoar (Birmingham, AL)	A. W. Munro (Manchester)	D. M. F. van Aalten (Dundee)
D. A. Day (Sydney)	G. Murphy (Cambridge)	M. van der Woude (York)
I. Dikic (Frankfurt)	H. Y. Nairn (Hannover)	B. Vanhaesebroeck (London)
R. Docampo (Athens, GA)	W. Ogawa (Kobe)	H. J. Vogel (Calgary)
D. Doyle (Oxford)	G. Panayotou (Vari)	M. Welham (Bath)
C. S. Duckett (Ann Arbor, MI)	S. Patel (London)	M. F. White (St Andrews)
A. F. Dulhunty (Canberra)	G. Pavitt (Manchester)	S. Whitney (Canberra)
P. Fay (Rochester, NY)	N. D. Perkins (Bristol)	C. Winterbourn (Christchurch, NZ)
R. Ferraris (Newark, NJ)	L. Persson (Lund)	D. Withers (London)
S. E. Finkel (Los Angeles, CA)	P. F. Pilch (Boston, MA)	D. Wu (Guangzhou)
P. G. W. Gettins (Chicago, IL)	W. C. Plaxton (Kingston, Ont.)	A. Xu (Hong Kong)
R. Golsteyn (Lethbridge, AB)	R. Y. Poon (Hong Kong)	H. Xue (Shanghai)
B. Hallberg (Umeå)	A. D. Postle (Southampton)	H. Yagisawa (Hyogo-Ken)
B. Halliwell (Singapore)	Z. Radic (La Jolla, CA)	I. Zachary (London)
L. Hedstrom (Waltham, MA)	D. R. Richardson (Sydney)	C. Zurzolo (Paris)

- The Biochemical Society, London © 2009
- The *Biochemical Journal* (ISSN 0264-6021 for print/online journal; ISSN 1470-8728 for online only journal) is published and distributed by Portland Press Ltd on behalf of the Biochemical Society (the owner), and appears twice monthly (24 issues).
- **Editorial and publishing offices:** *Biochemical Journal*, Portland Press Ltd, Third Floor, Eagle House, 16 Procter Street, London WC1V 6NX, 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 0264-6021/2009/\$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](http://www.fuz.co.uk)).
- **Cover image credits:** Microbiology at Leeds, University of Leeds; 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 biochemical knowledge. 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 equally with papers dealing with experimental work. 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](http://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 Burnham Institute, 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](mailto: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 Ltd, Third Floor, Eagle House, 16 Procter Street, London WC1V 6NX, U.K. (telephone +44 20 7280 4110; fax +44 20 7280 4169; email [editorial@portlandpress.com](mailto: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 Ltd on behalf of the Biochemical Society. It is published twice monthly; in 2009 volumes 417–424 (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 2009 are shown below. Subscribers to the *Biochemical Journal* can subscribe additionally to *Biochemical Society Transactions* and *Bio-technology and Applied Biochemistry* on a joint subscription at a reduced rate (see [www.portlandpress.com](http://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](http://www.portlandpress.com).

	N. Print and online	America	Rest of world	Euro price
One year (8 vols)				
Print and online	US\$3922	£1934	€3373	
Online only	US\$3531	£1786	€3036	
Single issues (print only)	US\$180.50	£91	€155	

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](mailto:sales@portland-services.com)).

**● Advertising** Enquiries about advertising should be addressed to: Mark Burgess, Editorial Department, Portland Press Ltd, Third Floor, Eagle House, 16 Procter Street, London WC1V 6NX, U.K., tel.: +44 (0)20 7280 4110; fax: +44 (0)20 7280 4169; email: [editorial@portlandpress.com](mailto: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).

**Review**
**The hepatitis C virus and its hepatic environment: a toxic but finely tuned partnership**
*Published on the Internet 12 October 2009,*
*doi:10.1042/BJ20091000*
**M. Perrault and E.-I. Pécheur**
**303–314**
**Accelerated Publication**

Nutrient isothiocyanates covalently modify and inhibit the inflammatory cytokine macrophage migration inhibitory factor (MIF)

*Published as BJ Immediate Publication 1 September 2009,  
doi:10.1042/BJ20091170*
**J.V. Cross, J.M. Rady, F.W. Foss, Jr, C.E. Lyons,  
T.L. Macdonald and D.J. Templeton**

**315–321**
**Research Papers**

Evolution of vertebrate glucokinase regulatory protein from a bacterial *N*-acetylmuramate 6-phosphate etherase

*Published as BJ Immediate Publication 12 August 2009,  
doi:10.1042/BJ20090986*
**M. Veiga-da-Cunha, T. Sokolova, F. Opperdoes  
and E. Van Schaftingen**

**323–332**

Eukaryotic GCP1 is a conserved mitochondrial protein required for progression of embryo development beyond the globular stage in *Arabidopsis thaliana*

*Published as BJ Immediate Publication 21 August 2009,  
doi:10.1042/BJ20091023*
**K. Haussuehl, P.F. Huesgen, M. Meier, P. Dessi, E. Glaser,  
J. Adamski and I. Adamska**

**333–341**

Urokinase-receptor-mediated phenotypic changes in vascular smooth muscle cells require the involvement of membrane rafts

*Published as BJ Immediate Publication 20 August 2009,  
doi:10.1042/BJ20090447*
**J. Kiyan, G. Smith, H. Haller and I. Dumler**
**343–351**

Fluorine substitutions in an antigenic peptide selectively modulate T-cell receptor binding in a minimally perturbing manner

*Published as BJ Immediate Publication 21 August 2009,  
doi:10.1042/BJ20090732*
**K.H. Piepenbrink, O.Y. Borbulevych, R.F. Sommese,  
J. Clemens, K.M. Armstrong, C. Desmond, P. Do  
and B.M. Baker**

**353–361**

The NADPH oxidase Nox4 restricts the replicative lifespan of human endothelial cells

*Published as BJ Immediate Publication 14 August 2009,  
doi:10.1042/BJ20090666*
**B. Lener, R. Koziet, H. Pircher, E. Hüttner, R. Greussing,  
D. Herndler-Brandstetter, M. Hermann, H. Unterluggauer  
and P. Jansen-Dürr**

**363–374**

Angiopoietin-1-induced ubiquitylation of Tie2 by c-Cbl is required for internalization and degradation

*Published as BJ Immediate Publication 18 August 2009,  
doi:10.1042/BJ20091010*
**C. Wehrle, P. Van Slyke and D.J. Dumont**
**375–380**

MAC inhibitors suppress mitochondrial apoptosis

*Published as BJ Immediate Publication 20 August 2009,  
doi:10.1042/BJ20090664*
**P.M. Peixoto, S.-Y. Ryu, A. Bombrun, B. Antonsson and  
K.W. Kinnally**
**381–387**

Functional characterization of the interactions between endosomal adaptor protein APPL1 and the NuRD co-repressor complex

*Published as BJ Immediate Publication 17 August 2009,  
doi:10.1042/BJ20090086*
**M. Banach-Orlowska, I. Pilecka, A. Torun, B. Pyrzynska  
and M. Miaczynska**
**389–400**

---

Binding of cyclic nucleotides to phosphodiesterase 10A and 11A GAF domains does not stimulate catalytic activity <i>Published as BJ Immediate Publication 18 August 2009, doi:10.1042/BJ20090982</i>	K. Matthiesen and J. Nielsen	401–409
C-terminal sequences of hsp70 and hsp90 as non-specific anchors for tetratricopeptide repeat (TPR) proteins <i>Published as BJ Immediate Publication 18 August 2009, doi:10.1042/BJ20090543</i>	A.J. Ramsey, L.C. Russell and M. Chinkers	411–419
Effect of pyruvate, lactate and insulin on ATP supply and demand in unpaced perfused rat heart <i>Published as BJ Immediate Publication 18 August 2009, doi:10.1042/BJ20090395</i>	B. Korzeniewski, V. Deschodt-Arsac, G. Calmettes, G. Gouspillou, J.-M. Franconi and P. Diolez	421–428
The crystal structure of caspase-6, a selective effector of axonal degeneration <i>Published as BJ Immediate Publication 21 August 2009, doi:10.1042/BJ20090540</i>	R. Baumgartner, G. Meder, C. Briand, A. Decock, A. D'Arcy, U. Hassiepen, R. Morse and M. Renatus	429–439



## Corrections

Use of single-molecule spectroscopy to tackle fundamental problems in biochemistry: using studies on purple bacterial antenna complexes as an example	R.J. Cogdell and J. Köhler	441
PKC $\epsilon$ has an alcohol-binding site in its second cysteine-rich regulatory domain	J. Das, S. Pany, G.M. Rahman and S.J. Slater	442
Inhibitory effects of kynurenic acid, a tryptophan metabolite, and its derivatives on cytosolic sulfotransferases	L. Senggunpriai, K. Yoshinari and Y. Yamazoe	442
Endogenous spartin (SPG20) is recruited to endosomes and lipid droplets and interacts with the ubiquitin E3 ligases AIP4 and AIP5	T.L. Edwards, V.E. Clowes, H.T.H. Tsang, J.W. Connell, C.M. Sanderson, J.P. Luzio and E. Reid	442

## Index of Authors

	PAGE		PAGE		PAGE		PAGE
Adamska, I.	333	Do, P.	353	Lener, B.	363	Reid, E.	442
Adamski, J.	333	Dumler, I.	343	Luzio, J. P.	442	Renatus, M.	429
Antonsson, B.	381	Dumont, D. J.	375	Lyons, C. E.	315	Russell, L. C.	411
Armstrong, K. M.	353	Edwards, T. L.	442	Macdonald, T. L.	315	Ryu, S.-Y.	381
Baker, B. M.	353	Foss, Jr, F. W.	315	Matthiesen, K.	401	Sanderson, C. M.	442
Banach-Orlowska, M.	389	Franconi, J.-M.	421	Meder, G.	429	Senggunpriai, L.	442
Baumgartner, R.	429	Glaser, E.	333	Meier, M.	333	Slater, S. J.	442
Bombrun, A.	381	Gouspillou, G.	421	Miaczynska, M.	389	Smith, G.	343
Borbulevych, O. Y.	353	Greussing, R.	363	Morse, R.	429	Sokolova, T.	323
Briand, C.	429	Haller, H.	343	Nielsen, J.	401	Sommese, R. F.	353
Calmettes, G.	421	Hassiepen, U.	429	Opperdoes, F.	323	Templeton, D. J.	315
Chinkers, M.	411	Haussuehl, K.	333	Pany, S.	442	Torun, A.	389
Clemens, J.	353	Hermann, M.	363	Pécheur, E.-I.	303	Tsang, H. T. H.	442
Clowes, V. E.	442	Herndl-Brandstetter, D.	363	Peixoto, P. M.	381	Unterluggauer, H.	363
Cogdell, R.	441	Huesgen, P. F.	333	Perrault, M.	303		
Connell, J. W.	442	Hütter, E.	363	Piepenbrink, K. H.	353	Van Schaftingen, E.	323
Cross, J. V.	315	Jansen-Dürr, P.	363	Pilecka, I.	389	Van Slyke, P.	375
D'Arcy, A.	429	Kinnally, K. W.	381	Pircher, H.	363	Veiga-da-Cunha, M.	323
Das, J.	442	Kiyan, J.	343	Pyrzynska, B.	389	Wehrle, C.	375
Decock, A.	429	Köhler, J.	441	Rady, J. M.	315		
Deschodt-Arsac, V.	421	Korzeniewski, B.	421	Rahman, G. M.	442	Yamazoe, Y.	442
Desmond, C.	353	Koziet, R.	363	Ramsey, A. J.	411	Yoshinari, K.	442
Diolez, P.	421						

# **Index of Authors**

## **Volume 423, 2009**

Abrams, C. S.	PAGE	Essers, J.	79	PAGE	Lee, J. H.	253	Russell, L. C.	411
Adamska, I.	333	Fan, C.	79	Lee, K.-J.	253	Ryu, S.-Y.	381	
Adamski, J.	333	Foss, Jr., F. W.	315	Lee, Y.	253	Sabaretham, T.	169	
Allan, W. L.	15	Franconi, J.-M.	421	Lener, B.	363	Saiardi, A.	109	
Armano, K.	71	Frank, S.	199	Lindblom, K.	53	Sakakibara, Y.	91	
Antonsson, B.	381	Freedman, R. B.	209	Luk, K. D. K.	233	Sanderson, C. M.	31, 442	
Armstrong, K. M.	353	Friedhoff, P.	265	Luzio, J. P.	31, 442	Sato, N.	91	
Arraiano, C. M.	291	Frigerio, L.	145	Lyons, C. E.	315	Schiller, B.	41	
Aspberg, A.	53	Fujisawa, Y.	219	Macdonald, T. L.	315	Scully, R.	157	
Baker, B. M.	353	Garske, A. L.	179	Mackay, J. P.	179	Sechine, K.	91	
Banach-Orlowska, M.	389	Getty, J.	189	Mansfield, R. E.	179	Senggunpri, L.	441	
Bannon, C.	119	Geyer, R.	41	Matos, R. G.	291	Seyedarabi, A.	199	
Barbas, A.	291	Giulivi, C.	219	Matsumoto, K.	71	Shep, B. J.	15	
Baumgartner, R.	429	Glaser, E.	333	Matthiesen, K.	401	Shi, X.	23	
Beuria, T. K.	61	Goto, S.	279	McGonnigal, B. G.	129	Sidhu, A.	209	
Bian, C.	23	Gouspillou, G.	421	McTavish, N.	189	Singh, P.	61	
Bodda, C.	265	Greussing, R.	363	Meder, G.	429	Slater, S. J.	442	
Bombrun, A.	381	Guo, S.	23	Meehan, E. J.	23	Smith, G.	343	
Borbulevych, O. Y.	353	Haller, H.	343	Meier, M.	333	Sokolova, T.	323	
Briand, C.	429	Harris, R. A.	243	Miaczynska, M.	389	Sommese, R. F.	353	
Burchell, A.	189	Hartlerode, A. J.	157	Min, S. H.	e5	Song, E. J.	253	
Byrne, L. J.	209	Hase, T.	91	Morse, R.	429	Sparkes, I. A.	145	
Calmettes, G.	421	Hassiepen, U.	429	Murakami, H.	99	Stabila, J. P.	129	
Cao, T. N.	129	Haussuehl, K.	333	Musselman, C. A.	179	Surolia, A.	61	
Chan, C. C. Y.	233	Hawes, C.	145	Nagaura, Y.	71	Suzuki, D.	129	
Chan, D.	233	Hazeki, K.	99	Nielsen, J.	401	Takaba, Y.	99	
Cheah, K. S. E.	233	Hazeki, O.	99	Nigorikawa, K.	99	Tamura, N.	99	
Chen, L.	23	Heinegård, D.	53	Okazaki, N.	99	Tamura, S.	71	
Chen, Q.	79	Heldt, D.	199	Oldberg, Å.	53	Tanner, J. A.	233	
Chinkers, M.	411	Henmi, T.	71	O'Leary, H.	179	Templeton, D. J.	315	
Choi, M. Y.	233	Hermann, M.	363	Oliver, S. S.	179	Tolley, N.	145	
Choi, S.	253	Herndl-Brandstetter, D.	363	Onnebo, S. M. N.	109	Torun, A.	389	
Churchward, M. A.	1	Hinek, A.	79	Opperdoes, F.	323	Tsang, H. T. H.	31, 442	
Clark, S. M.	15	Hoover, G. J.	15	Ouyang, Z.	79	Tseng, A.	129	
Clemens, J.	353	Howard, M. J.	209	Padbury, J. F.	129	Tseng, Y.-T.	129	
Clowes, V. E.	31, 442	Hua, S.	169	Panda, D.	61	Unterluggauer, H.	363	
Cogdell, R.	441	Huang, M.	23	Pany, S.	442	Urbanke, C.	265	
Collett, A.	119	Huesgen, P. F.	333	Parsons, J. B.	199	Van Schaftingen, E.	323	
Connell, J. W.	31, 442	Hummel, K.	41	Pécheur, E.-I.	303	Van Slyke, P.	375	
Coorsen, J. R.	1	Hütter, E.	363	Peixoto, P. M.	381	Veiga-da-Cunha, M.	323	
Cross, J. V.	315	Hwang, B.	243	Perrault, M.	303	Voglmeir, J.	41	
Dahdah, J. R.	129	Hwang, N. R.	253	Pickersgill, R. W.	199	Wallis, A. K.	209	
D'Arcy, A.	429	Hykollari, A.	41	Piepenbrink, K. H.	353	Wang, Q.	79	
Das, J.	442	Ishikawa, Y.	99	Pilecka, I.	389	Warhurst, G.	119	
Dasgupta, D.	e1	Jansen-Dürr, P.	363	Pircher, H.	363	Warren, M. J.	199	
Davies, P. J.	119	Jeong, J.	253	Plow, E. F.	79	Wehrle, C.	375	
Davrazou, F.	179	Jeoung, N. H.	243	Pöltl, G.	41	Williamson, R. A.	209	
Decock, A.	429	Kalamajski, S.	53	Proud, C. G.	279	Wilson, I. B. H.	41	
Denu, J. M.	179	Kametani, Y.	99	Pyrzynska, B.	389	Wilson, S. M.	189	
Deschodt-Arsac, V.	421	Kato, K.	219	Rady, J. M.	315	Witting, P. K.	169	
Desmond, C.	353	Kim, Y. M.	253	Rahman, G. M.	442	Yamazoe, Y.	442	
Dessi, P.	333	Kinnally, K. W.	381	Ramsey, A. J.	411	Yang, F.	23	
DiCorleto, P. E.	79	Kiyan, J.	343	Rao, D. N.	265	Yano, N.	129	
Diolez, P.	421	Kobayashi, T.	71	Rayner, B. S.	169	Yao, Z.	279	
Do, P.	353	Köhler, J.	441	Razzazi-Fazeli, E.	41	Yim, S.-H.	253	
Dumler, I.	343	Korzeniewski, B.	421	Reid, E.	31, 442	Yoshinari, K.	442	
Dumont, D. J.	375	Kozie, R.	363	Renatus, M.	429	Zhang, T.	79	
Duppatta, V.	265	Kutateladze, T. G.	179	Roshetsky, J. F.	79			
Echigo, S.	71	Kwan, A. H.	179	Ruddock, L. W.	209			
Edwards, T. L.	31, 442	Ladikis, D.	199					
Endoh, M.	129							