

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

Reviews Editor

G. Salvesen • La Jolla, CA

Deputy Chairs

J. F. Cáceres • Edinburgh**D. Carling** • London**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** • Bristol**M. A. Schwartz** • New Haven, CT**D. Tosh** • Bath**D. M. F. van Aalten** • Dundee**B. Vanhaesebroeck** • London**H. M. Wallace** • Aberdeen**M. F. White** • St Andrews**A. Xu** • Hong Kong

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**H. F. Logan****J. W. Mockridge****P. D. Taylor**

Desk Editor

A. Ho

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)

A. Bowie (Dublin)

S. Brøer (Canberra)

P. S. Brookes (Rochester, NY)

N. J. Buckley (London)

D. Burger (Geneva)

V. Darley-Usmar (Birmingham, AL)

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)

C. Dickey (Tampa, FL)

I. Dikic (Frankfurt)

R. Docampo (Athens, GA)

A. F. Dulhunty (Canberra)

S. Flitsch (Manchester)

F. Foufelle (Paris)

B. Halliwell (Singapore)

J. A. Hardy (Amherst, MA)

P. Hawkins (Cambridge)

P. Hedden (Harpenden)

J. M. Horowitz (Raleigh, NC)

E. Ikonen (Helsinki)

A. Imberty (Grenoble)

D. A. Jans (Monash)

P. A. Jeggo (Brighton)

J. Jez (St Louis, MO)

M. G. Kazanietz (Philadelphia, PA)

S. Kim (Seoul)

Z. Knight (New York, NY)

D. Komander (Cambridge)

D. W. Laird (London, ON)

J. Leiper (London)

S. Ley (London)

K. Lingelbach (Marburg)

M. Lowe (Manchester)

K. Lynch (Philadelphia, PA)

S. Mayor (Bangalore)

N. Q. McDonald (London)

M. McManus (Palmerston North)

G. Melino (Leicester)

T. Miller (Norwich)

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 (Varese)

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)

K. Sakamoto (Lausanne)

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)

L. C. Serpell (Brighton)

F. J. Sharom (Guelph, ON)

R. J. Shaw (La Jolla, CA)

H. Shimano (Tsukuba City)

J. Slack (Minneapolis, MN)

S. Spiegel (Richmond, VA)

W. M. Stark (Glasgow)

G. R. Steinberg (Hamilton, ON)

H. Stenmark (Oslo)

S. Teichmann (Cambridge)

V. Tergaonkar (Singapore)

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

C. Tournier (Manchester)

M. Uesugi (Kyoto)

H. D. Ulrich (Mainz)

S. Urbé (Liverpool)

H. J. Vogel (Calgary, AB)

M.-W. Wang (Shanghai)

S. Whitney (Canberra)

D. Wu (Guangzhou)

H.-W. Xue (Shanghai)

I. Zachary (London)

C. Zurzolo (Paris)

- Journal compilation © 2014 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, c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, U.S.A.
- **Subscriptions department:** Portland Customer Services, Third Floor, Charles Darwin House, 12 Roger Street, London WC1N 2JU, 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 0264-6021/2014/\$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; Department of Microbiology, University of Leeds; Jan A. Miernyk, University of Missouri; G. P. Côté, Kingston, Ont.; G. Salvesen, La Jolla; Dr Gordon Beakes, 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 PubMed.

● **Open access option – Opt2Pay** Choose to make your paper open access. 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 charge is £300 to cover all colour figures in the paper.

● **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 2014 volumes 457–464 (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, PubMed and Science Citation Index.

● **Subscription rates** Institutional subscription rates for 2014 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)	US\$5590	£3140	€4710
Print and online	US\$4470	£2510	€3770
Online only	US\$246	£150	€183
Single issues (print only)			

Overseas rates include airfreight delivery. Airtpeeded 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
Third Floor, Charles Darwin House,
12 Roger Street, London WC1N 2JU, U.K.
(telephone 020 76852444; fax 020 76852468;
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 Publication

TIMP-1 modulates chemotaxis of human neural stem cells through CD63 and integrin signalling
Published as BJ Immediate Publication 18 March 2014,
doi:10.1042/BJ20131119

S.Y. Lee, J.M. Kim, S.Y. Cho, H.S. Kim, H.S. Shin,
J.Y. Jeon, R. Kausar, S.Y. Jeong, Y.S. Lee and M.A. Lee



565–576

Research Papers

A novel p38 MAPK docking-groove-targeted compound is a potent inhibitor of inflammatory hyperalgesia
Published as BJ Immediate Publication 11 February 2014,
doi:10.1042/BJ20130172

H.L.D.M. Willemsen, P.M. Campos, E. Lucas, A. Morreale,
R. Gil-Redondo, J. Agut, F.V. González, P. Ramos,
C. Heijnen, F. Mayor, Jr, A. Kavelaars and C. Murga



427–439

Ser¹¹⁹ phosphorylation modulates the activity and conformation of PRRXL1, a homeodomain transcription factor
Published as BJ Immediate Publication 24 February 2014,
doi:10.1042/BJ20131014

R. Soares-dos-Reis, A.S. Pessoa, M.R. Matos, M. Falcão,
V.M. Mendes, B. Manadas, F.A. Monteiro, D. Lima and
C. Reguenga



441–453

Lyn kinase plays important roles in erythroid expansion, maturation and erythropoietin receptor signalling by regulating inhibitory signalling pathways that control survival
Published as BJ Immediate Publication 20 February 2014,
doi:10.1042/BJ20130903

N.S. Slavova-Azmanova, N. Kucera, A. Louw,
J. Satiaputra, A. Handoko, P. Singer, L. Stone,
D.J. McCarthy, S.P. Klinken, M.L. Hibbs and E. Ingley



455–466

The cysteine desulfurase IscS of *Mycobacterium tuberculosis* is involved in iron–sulfur cluster biogenesis and oxidative stress defence
Published as BJ Immediate Publication 19 February 2014,
doi:10.1042/BJ20130732

J. Rybniker, F. Pojer, J. Marienhagen, G.S. Kolly,
J.M. Chen, E. van Gumpel, P. Hartmann and S.T. Cole



467–478

Chitinase-3-like protein 1 protects skeletal muscle from TNF α -induced inflammation and insulin resistance
Published as BJ Immediate Publication 11 February 2014,
doi:10.1042/BJ20131151

S.W. Görgens, K. Eckardt, M. Elsen, N. Tennagels and
J. Eckel



479–488

Suppression of adipogenesis by valproic acid through repression of USF1-activated fatty acid synthesis in adipocytes
Published as BJ Immediate Publication 11 February 2014,
doi:10.1042/BJ20131476

M. Yuyama and K. Fujimori



489–503

Inhibition of histone binding by supramolecular hosts
Published as BJ Immediate Publication 28 February 2014,
doi:10.1042/BJ20140145

H.F. Allen, K.D. Daze, T. Shimbo, A. Lai, C.A. Musselman,
J.K. Sims, P.A. Wade, F. Hof and T.G. Kutateladze



505–512

The increase in BIK expression following ERK1/2 pathway inhibition is a consequence of G₁ cell-cycle arrest and not a direct effect on BIK protein stability
Published as BJ Immediate Publication 17 February 2014,
doi:10.1042/BJ20131346

M.J. Sale and S.J. Cook



513–524

Structural and mechanistic insights into an extracytoplasmic copper trafficking pathway in *Streptomyces lividans*
Published as BJ Immediate Publication 19 February 2014,
doi:10.1042/BJ20140017

K.L.I.M. Blundell, M.A. Hough, E. Vijgenboom and
J.A.R. Worrall



525–538

Contents

The upstream conserved regions (UCRs) mediate homo- and hetero-oligomerization of type 4 cyclic nucleotide phosphodiesterases (PDE4s)

*Published as BJ Immediate Publication 21 February 2014,
doi:10.1042/BJ20131681*

M. Xie, B. Blackman, C. Scheitrum, D. Mika,
E. Blanchard, T. Lei, M. Conti and W. Richter



539–550

Analysis of the co-operative interaction between the allosterically regulated proteins GK and GKRP using tryptophan fluorescence

*Published as BJ Immediate Publication 26 February 2014,
doi:10.1042/BJ20131363*

B. Zelent, A. Raimondo, A. Barrett, C.W. Buettger,
P. Chen, A.L. Gloyn and F.M. Matschinsky



551–564

Index of Authors

	PAGE		PAGE		PAGE		PAGE
Agut, J.	427	Gloyn, A. L.	551	Lee, S. Y.	565	Rybniker, J.	467
Allen, H. F.	505	González, F. V.	427	Lee, Y. S.	565		
		Görgens, S. W.	479	Lei, T.	539	Sale, M. J.	513
Barrett, A.	551			Lima, D.	441	Satiaputra, J.	455
Blackman, B.	539	Handoko, A.	455	Louw, A.	455	Scheitrum, C.	539
Blanchard, E.	539	Hartmann, P.	467	Lucas, E.	427	Shimbo, T.	505
Blundell, K. L. I. M.	525	Heijnen, C.	427			Shin, H. S.	565
Buettger, C. W.	551	Hibbs, M. L.	455	Manadas, B.	441	Sims, J. K.	505
		Hof, F.	505	Marienhagen, J.	467	Singer, P.	455
Campos, P. M.	427	Hough, M. A.	525	Matos, M. R.	441	Slavova-Azmanova, N. S.	455
Chen, J. M.	467			Matschinsky, F. M.	551	Soares-dos-Reis, R.	441
Chen, P.	551	Ingle, E.	455	Mayor, Jr, F.	427	Stone, L.	455
Cho, S. Y.	565			McCarthy, D. J.	455		
Cole, S. T.	467	Jeon, J. Y.	565	Mendes, V. M.	441	Tennagels, N.	479
Conti, M.	539	Jeong, S. Y.	565	Mika, D.	539		
Cook, S. J.	513			Monteiro, F. A.	441	van Gumpel, E.	467
		Kausar, R.	565	Morreale, A.	427	Vijgenboom, E.	525
Daze, K. D.	505	Kavelaars, A.	427	Murga, C.	427		
		Kim, H. S.	565	Musselman, C. A.	505	Wade, P. A.	505
Eckardt, K.	479	Kim, J. M.	565			Willemen, H. L. D. M.	427
Eckel, J.	479	Klinken, S. P.	455	Pessoa, A. S.	441	Worrall, J. A. R.	525
Elsen, M.	479	Kolly, G. S.	467	Pojer, F.	467		
		Kucera, N.	455			Xie, M.	539
Falcão, M.	441	Kutateladze, T. G.	505	Raimondo, A.	551		
Fujimori, K.	489			Ramos, P.	427	Yuyama, M.	489
		Lai, A.	505	Reguenga, C.	441		
Gil-Redondo, R.	427	Lee, M. A.	565	Richter, W.	539	Zelent, B.	551

Index of Authors

Volume 459, 2014

	PAGE		PAGE		PAGE		PAGE
Adachi, T.	137	Gómez, I.	383	Lou, X.	95	Shin, H. S.	565
Agut, J.	427	Görgens, S. W.	479	Louw, A.	455	Shin, Y.-K.	95
Ahsan, N.	15	Gowans, G. J.	275	Lucas, E.	427	Siddiqi, S.	47
Akaike, T.	251	Gullberg, D.	217			Siddiqi, S. A.	47
Allen, H. F.	505	Gutiérrez, C.	59	Ma, X.	345	Sims, J. K.	505
Alonso, N.	117			Ma, Y.-S.	149	Singer, P.	455
Anderson, J. L. R.	369	Hajjar, D. P.	345	Majumder, R.	229	Siu, C.-H.	241
Armstrong, C. T.	369	Hamamoto, H.	137	Malle, E.	313	Slavova-Azmanova, N. S.	455
Arnandis, T.	355	Hammer, A.	313	Manadas, B.	441	Soares-dos-Reis, R.	441
		Han, J.	345	Marienhagen, J.	467	Soberón, M.	383
Balland, V.	37	Handoko, A.	455	Marsh, J.	265	Sohal, B. H.	127
Barnham, K. J.	103	Hardie, D. G.	275	Masters, C. L.	103	Sohal, R. S.	127
Barrett, A.	551	Harmer, N.	333	Matos, M. R.	441	Sorscher, E. J.	417
Becker, H. F.	37	Hartmann, P.	467	Matschinsky, F. M.	551	Sou, W. H.	181
Blackman, B.	539	Hatzos-Skintges, C.	59	Matsumoto, Y.	137	Srivastava, K. R.	229
Blanchard, E.	539	Hawley, S. A.	275	Matus, V.	383	Stannard, L.	265
Blundell, K. L. I. M.	525	Hayashi, Y.	137	Mayor, Jr, F.	427	Stetefeld, J.	217
Bravo, A.	383	Heijnen, C.	427	McCarthy, D. J.	455	Stone, L.	455
Buettger, C. W.	551	Heino, J.	217	McClure, M. L.	417	Swaan, P. W.	301
Butt, A.	333	Hemsley, C. M.	333	Meier, M.	217	Swatek, K. N.	15
		Herberg, F. W.	59	Mendes, V. M.	441		
Campos, P. M.	427	Hibbs, M. L.	455	Miao, R.	345	Tao, K. P.	181
Castanho, M. A. R. B.	161	Higman, V. A.	333	Mika, D.	539	Tennagels, N.	479
Castanys, S.	83	Hill, A. F.	103	Monczor, F.	117	Thelen, J. J.	15
Chaikwad, A.	59	Hof, F.	505	Monteiro, F. A.	441	Thomson, A.	241
Chen, G.	241	Hollmann, A.	161	Morreale, A.	427	Tibarewal, P.	275
Chen, J. M.	467	Hong, J. S.	417	Müller, S.	59	Titball, R. W.	333
Chen, P.	551	Hossain, T.	47	Muñoz-Garay, C.	383	Torres, L.	355
Chen, T.	193	Hough, M. A.	525	Murga, C.	427	Torrie, L. S.	323
Chen, Y.	345	Hsia, H. P.	181	Musselman, C. A.	505	Toth, J. I.	205
Cheng, C.-K.	149	Hsieh, M.	149	Muyldermans, S.	59	Tritz, R. L.	15
Cherian, N.	397			Mylykallio, H.	37		
Chi, T.-H.	149	Ihara, H.	251			Ulmer, J. E.	37
Cho, C.	397	Ingle, E.	455	Ngo, J. C. K.	181		
Cho, S. Y.	565	Ishii, K.	137			van Dijk, J. R.	27
Chothe, P. P.	301			Ong, S. S.	193	van Gumpel, E.	467
Chuang, C. Y.	313	Jeon, J. Y.	565	Orr, W. C.	127	Veit, G.	217
Cole, S. T.	467	Jeong, S. Y.	565			Venteclef, N.	e1
Collins, S. J.	103	Jiang, M.	345	Pain, D.	71	Vidal, A. E.	171
Colombini, M.	397	Joachimiak, A.	59	Pain, J.	71	Vijgenboom, E.	525
Conti, M.	539	Johanssen, T.	103	Palmer, R. H.	27	Viña, J. R.	355
Cook, S. J.	513	Johanssen, V. A.	103	Pandey, A.	71	Vincke, C.	59
Crump, M. P.	333			Parthasarathy, S.	47	Vos, M. H.	37
		Kane, W. H.	229	Pérez-Moreno, G.	171		
Dancis, A.	71	Karst, F.	289	Pessoa, A. S.	441	Wade, P. A.	505
Davies, M. J.	313	Kasamatsu, S.	251	Petroski, M. D.	205	Wang, Q.	345
Davio, C.	117	Kaufholz, M.	59	Phee, H.	397	Wang, T.-K.	149
Daze, K. D.	505	Kausar, R.	565	Pojer, F.	467	Watanabe, Y.	251
Degendorfer, G.	313	Kavelaars, A.	427			Wei, Y.-H.	149
Denton, R. M.	369	Keates, T.	59	Qin, Y.	405	Wen, H.	417
Ding, K.	405	Kim, H. S.	565	Qu, D.	181	Whitelock, J. M.	313
Djaout, K.	37	Kim, J. M.	565	Quinn-Allen, M. A.	229	Willemen, H. L. D. M.	427
Duan, Y.	345	Klichko, V.	127			Williams, C.	333
		Klinken, S. P.	455	Radyuk, S. N.	127	Wilson, R. S.	15
Eble, J. A.	217	Knapp, S.	59	Rahier, A.	289	Worrall, J. A. R.	525
Echeverría, E.	117	Knight, S. A. B.	71	Raimondo, A.	551	Wu, B.	397
Eckardt, K.	479	Koch, M.	217	Ramos, P.	427	Wu, J.	193
Eckel, J.	479	Kolly, G. S.	467	Reguenga, C.	441	Wu, S.-B.	149
Elias, A.	193	Kucera, N.	455	Requena, C. E.	171	Wu, X.	241
Elsen, M.	479	Kutateladze, T. G.	505	Riad, A.	47	Wyllie, S.	323
		Kweon, D.-H.	95	Richter, W.	539		
Fairlamb, A. H.	323	Lai, A.	505	Roberts, A. J.	323	Xiang, R.	345
Falcão, M.	441	Lai, F. A.	265	Ross, F. A.	275	Xie, M.	539
Fang, J.	405	Lamarre, I.	37	Ruggiero, F.	217	Xu, X.	241
Fernández, N.	117	Lau, S. N.	181	Ruiz-Pérez, L. M.	171		
Ferré, P.	e1	Lee, B.	161	Rybniker, J.	467	Yamazaki, Y.	27
Ferrer-Vicens, I.	355	Lee, M. A.	565			Yoon, H.	71
Foley, K. S.	1	Lee, S. Y.	565	Sale, M. J.	513	Young, P. W.	1
Fortenberry, J.	417	Lee, Y. S.	565	Sánchez, J.	383	Yuyama, M.	489
Fujimori, K.	489	Lei, T.	539	Sánchez-Cañete, M. P.	83		
		Lentz, B. R.	229	Santos, N. C.	161	Zaragoza, R.	355
Gamarro, F.	83	Leslie, N. R.	275	Satiaputra, J.	455	Zelent, B.	551
García, C.	355	Li, J.	405	Saunders, D.	193	Zeng, C.	181
García-Sánchez, S.	83	Li, X.	345	Sawa, T.	251	Zenn, M.	59
García-Trevijano, E. R.	355	Liang, N.	181	Scharning, D.	37	Zhang, L.	345
Gill, S. S.	383	Liao, W.	405	Scheitrum, C.	539	Zhang, R.-g.	59
Gil-Redondo, R.	427	Liebl, U.	37	Seidel, M.	265	Zhang, Y.	71
Gloyn, A. L.	551	Lima, D.	441	Sekimizu, K.	137	Zhou, Y.	405
Goktug, A. N.	193	Lin, S. H.	397	Shayo, C.	117	Zimmermann, B.	59
González, F. V.	427	Liu, H.	405	Shimbo, T.	505	Zissimopoulos, S.	265
González-Pacanoska, D.	171	Locke, M.	205	Shin, J.	95	Zwolaneck, D.	217