

EDITORIAL

A brief review of peer review in DMM in 2019

Rachel Hackett^{*,‡}

During 2019, Disease Models & Mechanisms (DMM) partnered with Publons to trial their Reviewer Recognition tool, giving reviewers formal recognition of their peer review contributions. Reviewers can now choose to add their DMM review to their Publons profile when completing the reviewer form (via an automated process). The profile can then be used in job, visa and grant applications, complete with verified review activities. Since the tool's launch, more than 40% of DMM's

reviewers have taken up this option (data from Publons) and we hope that more will do so.

DMM is excited to be an affiliate journal for Review Commons, a new platform for high-quality journal-independent peer review in the life sciences. Reviewers will be asked to focus on the science rather than fit for a journal. DMM Editors have agreed to consider articles and their transferred reviews without soliciting additional reviews (although additional expert advice might be necessary on

Box 1. Gender analysis across The Company of Biologists' journals.

This analysis was done primarily by Sam Holden, a PhD student at The Sainsbury Laboratory and University of East Anglia, Norwich, who in 2018 spent three months as a Professional Internships for PhD Students (PIPS) intern with us as part of his PhD program. Sam was helped in his analysis by the Royal Society of Chemistry (RSC), who developed the algorithm used to assign gender to names (and have recently published detailed statistics on gender bias: <https://www.rsc.org/globalassets/04-campaigning-outreach/campaigning/gender-bias/gender-bias-report-final.pdf>). Many thanks to Sam for his work on this project, and to our colleagues at the RSC for their support.

Methodology

For each of our five journals (Development, Journal of Cell Science, Journal of Experimental Biology, Disease Models & Mechanisms and Biology Open), we downloaded data on all research papers submitted between October 2006 and May 2018, and extracted the following information:

- Outcome of submission (editorially rejected, rejected post-review or accepted)
- Name of first author
- Name of corresponding author (note that this may be the same as the first author)
- Names of individuals suggested by authors as potential reviewers
- Names of individuals invited to review the paper
- Names of reviewers who completed a report on the paper

We ran the lists of names through an algorithm that assigns gender to names, along with a confidence value in the assignment. We assigned a gender to names where the confidence value was greater than 90%, allowing us to assign gender to ~75% of authors and 85% of reviewers. It should be noted that the algorithm was developed using a dataset of mainly Western names, and the majority of names with 'unassigned' gender are Asian. Thus, the results outlined below do not necessarily reflect patterns that might apply to non-Western authors and reviewers.

To allow more rigorous statistical analysis, data were pooled across all the journals and the whole >10-year time span, although we have also looked at trends over time and between journals.

In addition to calculating basic statistics on the gender balance of our author and reviewer pool, we also analysed the success rate of submissions based on author and reviewer gender.

Key results (combined data for all five Company journals)

- Almost exactly 50% of first authors (typically the junior researchers who contributed most to the research) are female – implying minimal gender disparity at the level of the PhD students and postdocs in our community of authors. However, among corresponding authors (typically principal investigators/lab heads) only 30.3% were female.
- The gender of the first author had no influence on the success rate of the submission. However, papers from female corresponding authors showed a slight, but statistically significant ($P < 0.05$), reduction in acceptance rate – only 28.5% of corresponding authors on accepted papers were female.
- Disparity is seen at both initial editorial assessment and at peer review: papers with female corresponding authors are less likely to be sent out for peer review than those with male corresponding authors (67.3% versus 71.0%) and, once sent out for peer review, are less likely to be accepted for publication (52.9% versus 56.2%).
- There is a greater gender imbalance in our pool of reviewers than in our pool of corresponding authors: 26.1% of people invited to review a paper are female and 25.8% of completed reviews are by women (the similar numbers suggesting that both genders are equally likely to accept an invitation to review). These figures have improved over the 10-year time window: in 2007, only 23% of reviewers were female; this reached 29% by 2017 (though this is still below the 30% proportion of female corresponding authors).
- Authors are more likely to suggest reviewers of the same gender as themselves. However, we have not found evidence that female-authored papers are at a disadvantage if reviewed by men (although the data on correlations between author and reviewer gender are hard to interpret).

This box has also been reproduced in other Company journals. See also an Editorial (Briscoe and Brown, 2020) from the Development team that explores the subject in greater depth.

^{*}Rachel Hackett is the Managing Editor of DMM; Disease Models & Mechanisms, The Company of Biologists, Bidder Building, Station Road, Cambridge CB24 9LF, UK

[‡]Author for correspondence (rachel.hackett@biologists.com)

 R.H., 0000-0002-7511-3953

This is an Open Access article distributed under the terms of the Creative Commons Attribution License (<https://creativecommons.org/licenses/by/4.0>), which permits unrestricted use, distribution and reproduction in any medium provided that the original work is properly attributed.

occasion). We look forward to receiving submissions from the Review Commons platform.

Following a successful trial, DMM now operates a system of cross-referee commenting, to help resolve differences between referees, identify unnecessary or unreasonable requests, or – conversely – highlight valid concerns raised by one referee but overlooked by others. Happily, average speeds to decision and acceptance have not been affected by this change.

The Company of Biologists and DMM strive to support the academic community by engaging a broad and diverse array of authors, reviewers, Editors, editorial staff, editorial board members and readers in their activities. DMM encourages authors and Editors to consider diversity in career stage, geographical location, gender and ethnicity when suggesting and selecting appropriate reviewers for a manuscript. This was prompted, in part, by a gender analysis conducted across The Company of Biologists' journals (see Box 1). More recently, the issue of ghost writing of peer reviews by junior researchers was

highlighted. For early-career scientists to be involved in the peer review process, DMM requires that there must be a genuine mentoring process and that the senior invited reviewer should always take final responsibility for the report delivered to DMM. The name of the co-reviewer must be reported to the Editor; a field is provided in the report form for this purpose. The names of these co-reviewers are also included in our annual published list of reviewers (see Supplementary Information). We thank every one of them for their expertise and time, as well as our authors, readers and Editors for their support.

Supplementary information

Supplementary information available online at
<http://dmm.biologists.org/lookup/doi/10.1242/dmm.044172.supplemental>

Reference

Briscoe, J. and Brown, K. (2020). Inclusion and diversity in developmental biology: introducing the Node Network. *Development* **147**, dev187591. doi:10.1242/dev.187591

Reviewers for Disease Models & Mechanisms 2019

Susan Abmayr, Stowers Institute for Medical Research, USA

Robert Abramovitch, Michigan State University, USA

Usha Acharya, University of Massachusetts Medical School, USA

James Amatruda, Children's Hospital Los Angeles, USA

Bogi Andersen, University of California, Irvine, USA

Suhail Andrabi, Lerner Research Institute, USA

Guiseppina Andreotti, Istituto di Chimica Biomolecolare-CNR, Italy

Jonathan Andrews, Baylor College of Medicine, USA

Lynda Aoudjehane, Institute of Cardiometabolism and Nutrition (ICAN), France

Dean Appling, University of Texas Austin, USA

Virginia Arechavala-Gomeza, Biocruces Bizkaia Health Research Institute, Spain

David Arnold, Ohio State University, USA

Atsushi Asakura, Stem Cell Institute, University of Minnesota, USA

Miriam Baes, KU Leuven, Belgium

Herwig Baier, Max Planck Institute of Neurobiology, Germany

Jeroen Bakkers, Hubrecht institute, The Netherlands

Volodymyr Balatskyi, Nencki Institute of Experimental Biology, Poland

Oliver Bandmann, University of Sheffield, UK

Thomas Baranski, Washington University, USA

Isabelle Baro, University of Nantes, France

Jugajyoti Baruah, Harvard Medical School, USA

Gill Bates, UCL Institute of Neurology, UK

Aaron Beedle, SUNY Binghamton University, USA

Hugo Bellen, HHMI - Baylor College of Medicine, USA

Melina Bellin, Leiden University Medical Center, The Netherlands

Susan Bellis, University of Alabama-Birmingham, USA

Dylan Bergen, University of Bristol, UK

Joachim Berger, ARMI, Monash University, Australia

Jason Berman, Dalhousie University, Canada

Sanford Bernstein, San Diego State University, USA

Julien Bertrand, University of Geneva, Switzerland
Roberta Besio, University of Pavia, Italy
Colin Bingle, The University of Sheffield Medical School, UK
Benoit Biteau, University of Rochester Medical Center, USA
Karen Blyth, The Beatson Institute for Cancer Research, UK
Carla Boccaccio, Laboratory of Cancer Stem Cell Research, Istituto di Candiolo, Italy
Cornelius Boerkoel, University of British Columbia, Canada
Johann Bohm, Institut de Genetique et de Biologie Moleculaire et Cellulaire, France
Dirk Bohmann, University of Rochester Medical Center, USA
Cesario Borlongan, University of South Florida, USA
Alexander Borowsky, UC Davis Cancer Center, USA
Luke Boulter, University of Edinburgh, UK
Melissa Bowerman, University of Oxford, UK
Teresa Bowman, Albert Einstein College of Medicine, USA
Susan Brain, BHF Cardiovascular Centre of Excellence, King's College, London, UK
Andrea Brancaccio, ICRM, CNR Università Cattolica del Sacro Cuore, Italy
David Brenner, University of California San Diego, USA
Volker Briken, University of Maryland, USA
Elizabeth Brooks, Duke University Medical Center, USA
Marco Brotto, University of Texas, USA
Fiona Brown, Monash University, Australia
Leslie Bruggeman, Case Western Reserve University, USA
Liam Brunham, University of British Columbia, Canada
Valerie Brunton, University of Edinburgh, UK
Andrew Bryant, University of Florida Health, USA
Vladimir Buchman, University of Cardiff, UK
Robert Burgess, The Jackson Laboratory, USA
Shawn Burgess, NHGRI/NIH, USA
Brant Burkhardt, University of South Florida, USA
Dean Burkin, University of Nevada, Reno, USA
Tom Burne, Queensland Brain Institute, Australia

Claudio Cabello-Verrugio, Universidad Andres Bello, Chile

Kim Caldwell, The University of Alabama, USA

Tito Calí, University of Padova, Italy

Christopher Cambier, Stanford University, USA

Alberto Caminero, Farncombe Family Digestive Disease Research Institute, Canada

Ornella Cappellari, Royal Veterinary College, UK

Carlos Carmona-Fontaine, New York University, USA

Thomas Carroll, University of Texas Southwestern Medical Center, USA

Tamara Caspary, Emory University, USA

Craig Ceol, University of Massachusetts Medical School, USA

Jeffrey Chamberlain, University of Washington, USA

Connie Chamberlain, University of Wisconsin, Madison, USA

Danny Chan, The University of Hong Kong, Hong Kong

Wood Yee Chan, The Chinese University of Hong Kong, Hong Kong

Jichao Chen, MD Anderson Cancer Center Houston, USA

Ju Chen, University of California, San Diego, USA

Kong Chen, University of Pittsburgh, USA

Lisheng Chen, University of Michigan Kellogg Eye Center, USA

Sheng Chen, Zhejiang University, China

Wei Qin Chen, Augusta University, USA

Wenbiao Chen, Vanderbilt University, USA

Xing-Zhen Chen, University of Alberta, Canada

Yu-Shan Cheng, NIH, USA

Jen-Tsan Chi, Duke University School of Medicine, USA

Alexandre Chlenski, University of Chicago, USA

Ginam Cho, Harvard Medical School, USA

Clement Chow, University of Utah School of Medicine, USA

Yuen-Li Chung, The Institute of Cancer Research, UK

Michael Clarke, Stanford University, USA

Hans Clevers, Hubrecht Institute, The Netherlands

David Clouthier, University of Colorado, Denver, USA

Holly Colognato, SUNY Stony Brook University, USA
Victoria Connaughton, American University, USA
Thomas Cooper, Baylor College of Medicine, USA
Callie Corsa, University of Michigan, USA
Belinda Cowling, Dynacure, France
Roger Cox, Medical Research Council Harwell Institute, UK
Timothy Cox, University of Missouri, USA
Timothy Cox, Sidney Sussex College, UK
Peter Crouch, University of Melbourne, Australia
Gage Crump, University of Southern California, USA
Salvatore Cuzzocrea, University of Messina, Italy
Christian Dahmann, Dresden University of Technology, Germany
Rodney Dale, Loyola University Chicago, USA
Revati Darp, University of Massachusetts, USA
Mark Davenport, King's College Hospital, UK
Neil Dawson, University of Lancaster, UK
Francesca De Bacco, Istituto di Candiolo, Italy
Pietro De Camilli, Yale University/Howard Hughes Medical Institute, USA
Jose de Celis, Universidad Autónoma de Madrid, Spain
Susana De la Luna, Centre for Genomic Regulation (CRG), Spain
Anna-Maria De Luca, University of Bari Aldo Moro, Italy
Francesca De Santa, National Research Council, Italy
April DeLaurier, USC Aiken, USA
Christos Delidakis, Forth Institute of Molecular Biology and Biotechnology, Greece
Thierry Delzescaux, Commissariat à l'Énergie Atomique, France
Alexis Demonbreun, Northwestern Medicine, USA
Nicolas Denans, Stowers Institute, UK
Qing Deng, Purdue University, USA
Donna Denton, University of South Australia, Australia
Emily Derbyshire, Duke University School of Medicine, USA
Evandro De-Souza, Universidade Federal do Rio de Janeiro, Brazil

Stephen Devoto, Wesleyan University, USA

Simone Di Giovanni, Imperial College London, UK

Elia Di Schiavi, Institute of Biosciences and BioResources, Napoli, Italy

Albena Dinkova-Kostova, University of Dundee, UK

Maziar Divangahi, McGill University, Canada

James Dowling, Hospital for Sick Children, Canada

Zdenek Drahotka, Institute of Physiology (IPHYS), Czech Republic

Elodie Drapeau, Icahn School of Medicine at Mount Sinai, USA

Pierre Drapeau, Université de Montréal, Canada

Shaojun Du, University of Maryland Biotechnology Institute, USA

Dongsheng Duan, University of Missouri, USA

Aditi Dubey, University of Maryland, USA

James Duce, University of Leeds, UK

Michael Duchon, University College London, UK

Debdeep Dutta, Baylor College of Medicine, USA

Tatiana Egorova, Institute of Gene Biology, Russian Academy of Sciences, Russia

Judith Eisen, University of Oregon, USA

Karin Eisinger, University of Pennsylvania, USA

Eran Elinav, Weizmann Institute, Israel

Stone Elworthy, University of Sheffield, UK

Janice Endsley, University of Texas Medical Branch, USA

Charis Eng, Cleveland Clinic, Lerner Research Institute, USA

Christoph Englert, Leibniz Institute on Aging (FLI), Germany

Robert Erickson, University of Arizona, USA

Todd Evans, Albert Einstein College of Medicine, USA

Kimberley Evason, Huntsman Cancer Institute, USA

Sarah Ewald, University of Virginia, USA

Walid Fakhouri, University of Texas Health Science Center at Houston, USA

Steven Farber, Carnegie Institution, USA

Hesso Farhan, University of Oslo, Norway

Eva Faurobert, Université Grenoble Alpes, France

Laura Feltri, University at Buffalo, Jacobs School of Medicine and Biomedical Sciences, USA

Hui Feng, Boston University, USA

Pedro Fernandez-Fúnez, University of Minnesota, USA

Javier Fernández-Ruiz, Complutense University, Spain

Beatrice Filippi, University of Leeds, UK

Richard Finnell, Baylor College of Medicine, USA

Anthony Firulli, Indiana University School of Medicine, USA

Jason Fish, University of Toronto, Canada

Matthew Fisher, Cold Spring Harbor Laboratory, USA

Mark Fishman, Harvard Stem Cell Institute, USA

Lisa Foa, University of Tasmania, Australia

Flavia Fontanesi, University of Miami, USA

Francois Foulquier, University of Lille, France

Nikolaos Frangogiannis, Albert Einstein College of Medicine, USA

Manfred Frasch, University of Erlangen Nuremberg, Germany

J. Kimble Frazer, University of Oklahoma Health Sciences Center, USA

David Fredricks, Fred Hutchinson Cancer Research Center, USA

Hudson Freeze, Sanford Burnham Prebys, Medical Discovery Institute, USA

Deborah French, University of Pennsylvania, USA

Sylvie Friant, University of Strasbourg, France

Máximo Galindo, Centro de Investigación Príncipe Felipe, Spain

Michael Galko, University of Texas MD Anderson Cancer Center, USA

Guangping Gao, University of Massachusetts Medical School, USA

Benjamin Gastfriend, University of Wisconsin, USA

Angela Gelli, University of California, Davis, USA

Martin Gering, Nottingham University, UK

Flavia Giamogante, University of Padova, Italy

Angela Giangrande, IGBMC, France

Claire Gibson, University of Nottingham, UK

Jonathan Glass, Emory University, USA

Joshua Goldberg, The Hebrew University of Jerusalem, Israel

Jeffrey Golden, Harvard University, USA

Heather Gordish-Dressman, Children's National Medical Center, USA

June Goto, Cincinnati Children's Hospital Medical Center, USA

Marie-José Goumans, Leiden University Medical Center, The Netherlands

Ryan Gray, University of Texas at Austin Dell Medical School, USA

Alex Gregorieff, McGill University, Canada

Miranda Grounds, The University of Western Australia, Australia

Majid Hafezparast, University of Sussex, UK

Chris Hall, University of Auckland, New Zealand

Robert Hammer, UT Southwestern, USA

Matthias Hammerschmidt, University of Cologne, Germany

Chrissy Hammond, University of Bristol, UK

Renzhi Han, The Ohio State University Wexner Medical Center, USA

Jonathan Hardy, Michigan State University, USA

Scott Harper, Nationwide Children's Hospital, USA

Peter Harris, Mayo Clinic, USA

Nicholas Hastie, Institute of Genetics and Molecular Medicine, University of Edinburgh, UK

Paul Hasty, The University of Texas Health Science Center at San Antonio, USA

Fenglei He, Tulane University, USA

Denis Headon, Roslin Institute, UK

Joan Heath, Walter and Eliza Hall Institute of Medical Research, Australia

Sarah Hescham, Maastricht University Medical Center, The Netherlands

Emma Heslop, John Walton Muscular Dystrophy Research Centre, UK

Eric Hewitt, University of Leeds, UK

Alicia Hidalgo, The University of Birmingham, USA

Susumu Hirabayashi, MRC Clinical Sciences Centre, Imperial College London, UK

Sevan Hopyan, The Hospital for Sick Children, Canada

Jason Horton, Upstate Medical University, USA

Huaiyu Hu, Upstate Medical University, USA

Ngan Huang, Stanford Medicine, USA

Neil Hukriede, University of Pittsburgh, USA

Dan Hultmark, Umea University, Sweden

Adam Hurlstone, University of Manchester, UK

Vera Hutchison, Baylor College of Medicine, USA

Tatsushi Igaki, Kyoto University, Japan

Marjan Iravani, University College London, UK

Clare Isacke, Breakthrough Breast Cancer Research Centre, UK

Junichi Iwata, The University of Texas Health Science Center at Houston, USA

Hamed Jafar-Nejad, Baylor College of Medicine, USA

Suh Young Jeong, Oregon Health and Science University, USA

Rulang Jiang, Cincinnati Children's Hospital, USA

Marvadita Jimenez Palomares, University of Michigan, USA

Suk-Won Jin, Yale University, USA

Jamie Johnston, University of Leeds, UK

Cameron Johnstone, Olivia Newton-John Cancer Research Institute, Australia

Tom Jongens, University of Pennsylvania School of Medicine, USA

Andrew Judge, University of Florida, USA

Marie Pierre Junier, Institute de Biologie Paris Seine, France

Monica Justice, Hospital for Sick Children, Canada

Takashi Kadowaki, The University of Tokyo, Japan

Philipp Kahle, University of Tübingen, Germany

Sharanya Kalasekar, University of Utah, USA

Junsu Kang, University of Wisconsin Madison, USA

Levente Kapás, Washington State University, USA

Ghaidaa Kashgari, University College Irvine, USA

Hidetaka Katow, NYU Langone Health, USA

Charles Kaufman, Washington University School of Medicine, USA

Deepak Kaushal, Texas Biomedical Research Institute, USA

Cristina Keightley, La Trobe University, Australia

Dan Kelps, Carnegie Institute for Science, USA

Robert A. Kesterson, University of Alabama at Birmingham, USA

Gausal Khan, Defence Institute of Physiology and Allied Sciences, India

Jean Kim, Baylor College of Medicine, USA

Min Sun Kim, Wonkwang University, Republic of Korea

Sung Eun Kim, The University of Texas at Austin, USA

Kerri Kinghorn, University College London, UK

Kassandra Kisler, University of Southern California, USA

Toshihiro Kitamoto, University of Iowa, USA

Yuliya Klymenko, Indiana University School of Medicine, USA

Joshua Knowles, Stanford University, USA

Kenji Kohno, Nara Institute of Science and Technology, Japan

Masaaki Koike, NAIST, Japan

David Kokel, University of California, San Francisco, USA

Yoshihiro Komatsu, The University of Texas Health Science Center at Houston, USA

Takefumi Kondo, Kyoto University, Japan

Stephen Konieczny, Purdue University, USA

Rashmi Kothary, Ottawa Hospital Research Institute, Canada

Boris Kramer, Maastricht University Medical Center, The Netherlands

Takayuki Kuraishi, Kanazawa University, Japan

Hiroshi Kurosaka, Osaka University Graduate School of Dentistry, Japan

Deborah Kurrasch, University of Calgary, Canada

Kristen Kwan, University of Utah, USA

Young Kwon, University of Washington, USA

Julia Ladewig, Central Institute of Mental Health, Germany

Angela Laird, Macquarie University, Australia

Christina Lam, Seattle Children's Hospital, USA

Jennifer Lamberts, Ferris State University, USA

David Langenau, Massachusetts General Hospital, USA

Glenda Lassi, Society for Research on Nicotine and Tobacco, UK

Michael Lawlor, Medical College of Wisconsin, USA

Wei-Dong Le, Institute of Health Science, China

Fiona Le Beau, University of Newcastle-upon-Tyne, UK

Adrian V. Lee, University of Pittsburgh, USA

Jiae Lee, University of Washington, USA

Lance Lee, University of South Dakota, USA

Adele Lehane, Australian National University, Australia

Gregory Lesinski, Emory University, USA

Min Li, The University of Oklahoma Health Sciences Center, USA

Ye Li, The University of Chicago, USA

Yuqing Li, University of Florida, USA

Ellen Lien, University of Southern California, USA

Soren Lienkamp, University of Freiburg, Germany

Pei Hui Lin, Ohio State University, USA

Ethan Lippmann, Vanderbilt University, USA

Chuming Liu, Lucille Parker Markey Cancer Center, University of Kentucky, USA

Rick Livesey, University College London, UK

Hanns Lochmuller, CHEO Research Institute, Canada

Michael Lorenz, University of Texas Health Science Center, USA

Martin Lowe, University of Manchester, UK

Gigi Lozano, MD Anderson Cancer Center, USA

Pia Lundegaard, University of Copenhagen, Denmark

Yonglun Luo, Aarhus University, Denmark

Cathleen Lutz, The Jackson Laboratory, USA

Anisha Lynch-Godrei, University of Ottawa, USA

Long Ma, Central South University, China

Filippo Macchi, NYU Abu Dhabi, Abu Dhabi

Ormond MacDougald, University of Michigan, USA

Cressida Madigan, University of California, San Diego, USA

Pratyusha Mandal, Emory University, USA

Troy Markel, Indiana University School of Medicine, USA

Martin Marsala, University of California, San Diego, USA

Colin Martin, University of Alabama, USA

James Martin, Baylor College of Medicine, USA

Paul Martin, University of Bristol, UK

Alfonso Martín-Peña, University of Florida, USA

Emilia Martins, Arizona State University, USA

Andrea Martinuzzi, Istituto di Ricovero e Cura a Carattere Scientifico, Eugenio Medea Associazione, Italy

John Mason, University of Edinburgh, UK

Robert Maue, Dartmouth Geisel School of Medicine, USA

Lisa Maves, Seattle Children's Research Institute, USA

James McAllister, Washington University, USA

Jessica McCann, Duke University School of Medicine, USA

Kevin McCarthy, LSU Health Sciences Center, USA

Joseph McCarty, University of Texas MD Anderson, USA

Tara McCray, University of Illinois, USA

Steven McElroy, University of Iowa, USA

Jacqui McGovern, Queensland University of Technology, Australia

Kelly M. McNagny, University of British Columbia, Canada

Ashish Mehta, Victor Chang Cardiac Research Institute, Australia

Chris Mendias, Hospital for Special Surgery Research, USA

Marco Milan, IRB Barcelona, Spain

Rachel Miller, McGovern Medical School, USA

Yuji Mishina, University of Michigan, USA

Biswapriya Misra, Wake Forest School of Medicine, USA

Thimios Mitsiadis, Universität Zürich, Switzerland

Mayssa Mokalled, Washington University School of Medicine, USA

Jessica Momb, University of Texas Austin, USA

Satdarshan Monga, Institute of Pittsburgh, USA

Axel Montagne, Keck School of Medicine USC, USA

Sally Moody, George Washington University, USA

Lieve Moons, KU Leuven, Belgium

Mariya Moosajee, University College London, UK

Marie Morimoto, NIH, USA

Mitsuru Morimoto, RIKEN Center for Biosystems Dynamic Research, Japan

Simon Morley, University of Sussex, UK
Nuria Morral, Indiana University School of Medicine, USA
Jennifer Morton, The Beatson Institute, UK
Jenny Morton, University of Cambridge, UK
Christian Mosimann, University of Colorado School of Medicine, USA
Serge Mostowy, London School of Hygiene and Tropical Medicine, UK
Victoriano Mulero, Universidad de Murcia, Spain
Andrea Munsterberg, University of East Anglia, UK
Rohini Muthuswami, Jawaharlal Nehru University, India
Nael Nadif, Radboud UMC, The Netherlands
Lazlo Nagy, University of Debrecen, Hungary
Masanori Nakayama, Max Planck Institute for Heart and Lung Research, Germany
Mohandas Narla, New York Blood Centre, USA
Soumya Negi, University of Illinois, USA
Brent Neumann, Monash University, Australia
Alec Nickolls, National Institutes of Health, USA
Vincenzo Nigro, Telethon Institute of Genetics and Medicine (TIGEM), Italy
Natalia Ninkina, University of Cardiff, UK
Nikolay Ninov, Center for Regenerative Therapies, Dresden, Germany
Larisa Nonn, University of Illinois at Chicago, USA
Susan Novotny, Gillette Children's Specialty Healthcare, USA
Panagiotis Ntziachristos, Northwestern University, USA
Stefan Oehlers, Centenary Institute, Australia
Naoki Okamoto, University of California, Riverside, USA
Peter Olinga, University of Groningen, The Netherlands
Heymut Omran, University Hospital Münster, Germany
Alvaro Ordonez, Johns Hopkins University, USA
Carolina Ortiz Cordero, University of Minnesota, USA
Daniel Ory, Washington University School of Medicine, USA
Michael Pack, University of Pennsylvania, USA
Antonio Pagán, Cambridge University, UK

Eirini Papapetrou, Icahn School of Medicine at Mount Sinai, USA
Carmen Paradas, Hospital Universitario Virgen del Rocío, Spain
Raghuv eer Parthasarathy, University of Oregon, USA
Jose Pastor-Pareja, Tsinghua University, China
Ketan Patel, University of Reading, UK
Graham Pavitt, University of Manchester, UK
Per Pedersen, University of Copenhagen, Denmark
Rita Perlingeiro, University of Minnesota, USA
Christine Petit, Institut Pasteur & College de France, France
Michale Petris, University of Missouri, USA
Tatiana Petrova, Ludwig Institute for Cancer Research, Switzerland
Dana Philpott, The Hospital for Sick Children, Canada
Stefano Piccolo, University of Padua, Italy
Marita Pietrucha-Dutczak, Medical University of Silesia, Poland
Tatjana Piotrowski, Stowers Institute, USA
Steve Pollard, University of Edinburgh, UK
Cristina Porcheri, University of Zurich, Switzerland
Rebecca Poulos, University of Sydney, Australia
Xavier Prieur, University of Nantes, France
Sonja Pyott, University of Groningen, The Netherlands
Nidia Quillinan, University of Colorado, Anschutz Medical Campus, USA
Anjana Ramdas Nair, NYU Abu Dhabi, Abu Dhabi
Tennore Ramesh, University of Sheffield, UK
John Rawls, University of North Carolina School of Medicine, USA
Adriana Rebelo, University of Miami, USA
Francesco Retta, University of Torino, Italy
Hamidreza Riazifar, UCI, USA
Saima Riazuddin, University of Maryland, USA
Carlo Rinaldi, University of Oxford, UK
Lee Roberts, University of Leeds, UK
Craig Robson, Newcastle University, UK

Jason Rosch, St. Jude Children's Research Hospital, USA

Alan Rosenberg, University of Saskatchewan, Canada

Emily Rosowski, Clemson University, USA

Filippo Rosselli, CNRS Institut Gustave Roussy, France

Camilo Ruiz-Bedoya, Johns Hopkins University, USA

Paola Rusmini, The Centre of Excellence for Neurodegenerative Diseases, University of Milan, Italy

Hyung Don Ryoo, New York University School of Medicine, USA

Kirsten Sadler Edepli, New York University Abu Dhabi, United Arab Emirates

Alvaro Sagasti, University of California, Los Angeles, USA

Sourav Saha, NIH, USA

Erik Sahai, Francis Crick Institute, UK

Yukio Saijoh, University of Utah, USA

Jean-Pierre Saint-Jeannet, New York University, USA

Valerie Sampson, Alfred I. du Pont Hospital for Children, USA

Berta Sanchez-Laorden, Spanish Research Council, Spain

Pamela Santonicola, IBBR CNR, Italy

Emiko Sato, Tohoku University, Japan

Miriam Schmidts, University of Freiburg Medical Center, Germany

Benedikt Schoser, Friedrich-Baur-Institut, Germany

Oren Schuldiner, Weizmann Institute of Science, Israel

Stefan Schulte-Merker, Hubrecht Institute (KNAW), The Netherlands

Daryl Scott, Baylor College of Medicine, USA

Julie Secombe, Albert Einstein College of Medicine, USA

Cheryle Seguin, The University of Western Ontario, Canada

Praveen Sethupathy, Cornell University, USA

Le Shen, University of Chicago, USA

Zhongfang Shi, Capital Medical University, China

Celia Shiau, University of North Carolina at Chapel Hill, USA

Donghun Shin, University of Pittsburgh, USA

Cheryl Shoubridge, University of Adelaide, Australia

Joshua Shulman, Baylor College of Medicine, USA

Eric Shusta, University of Wisconsin, USA

Ody Sibon, University of Groningen, The Netherlands

Florian Siebenzner, Cardiff University School of Biosciences, UK

Dirk Sieger, University of Edinburgh, UK

Detlef Siemen, University of Magdeburg, Germany

Dhiraj K. Singh, Cornell University, USA

Karim Si-Tayeb, University of Nantes, France

John Sled, Hospital for Sick Children, Canada

Ian Smyth, Monash University, Australia

Charlotte Sørensen, Aarhus University, Denmark

Pietro Spitali, Leiden University Medical Center, The Netherlands

Ferdinando Squitieri, Mendel Institute of Human Genetics, Italy

Jemeen Sreedharan, King's College London, UK

David Stanek, Institute for Molecular Genetics of the Czech Academy of Sciences, Prague, Czech Republic

Thaddeus Stappenbeck, Washington University School of Medicine, USA

Michelle Starz-Gaiano, University of Maryland, USA

Richard Steet, Greenwood Genetic Center, USA

Werner Stenzel, Charité, Berlin, Germany

Rodney Stewart, University of Utah, USA

Cheryl Stoddart, University of California, San Francisco, USA

Helen Stolp, Royal Veterinary College, UK

Erik Storkebaum, Radboud University, The Netherlands

Lisa Stubbs, University of Illinois, USA

Jung-Joon Sung, Seoul National University Hospital, Republic of Korea

Neil Surana, Duke University School of Medicine, USA

Piyumika Suriyampola, Arizona State University, USA

Masatoshi Suzuki, University of Wisconsin, USA

Amanda Swain, Institute of Cancer Research, UK

Takanori Takebe, Cincinnati Childrens' Hospital, USA

Yoichiro Tamori, Hokkaido University, Japan

Bertrand Tavitian, Paris Descartes University, France
Rohan Teasdale, University of Queensland, Australia
Avinash Thakur, University of British Columbia, Canada
Michael Themis, Brunel University, UK
Jennifer Thies, The University of Alabama, USA
Glen Tibbits, Simon Fraser University, Canada
Vincent Timmerman, University of Antwerp, The Netherlands
Nataschia Tiso, University of Padova, Italy
David Tobin, Duke University Medical Center, USA
Alessio Torcinaro, Sapienza Università di Roma, Italy
Paul Trainor, Stowers Institute for Medical Research, USA
Eirini Trompouki, Max Planck Institute of Immunology and Epigenetics, Germany
Maja Trost, University Medical Centre Ljubljana, UK
Leo Tsuda, National Institute for Longevity Sciences, Japan
Valter Tucci, Istituto Italiano di Tecnologia, Italy
Abigail Tucker, King's College London, UK
Anthony Turner, University of Leeds, UK
Pravesh Tyagi, University of Canterbury, New Zealand
Gokhan Unlu, Rockefeller University, USA
Cyrille Vaillend, University Paris-Sud, France
Robert van de Ven, University Medical Center Utrecht, The Netherlands
Fredericus van Eeden, The University of Sheffield, UK
Tjakko van Ham, Erasmus MC, The Netherlands
Pieter Van Vlierberghe, Ghent University, Belgium
Peter Vangheluwe, KU Leuven, Belgium
Brian Varisco, Cincinnati Children's Hospital, USA
Neeti Vashi, Hospital for Sick Children, Canada
Anju Vasudevan, Harvard Medical School, USA
Alexej Verkhatsky, University of Manchester, UK
Julien Vermot, IGBMC, France
Cindy Voisine, Northeastern Illinois University, USA

Henry Waldvogel, University of Auckland, New Zealand

Lucas Waltzer, Universite Clermont Auvergne, CNRS, France

Jian Wang, Dalhousie University, Canada

Jiaxing Wang, Emory University, USA

Xu Wang, Metabolism and Molecular Medicine, Ministry of Education, China

Michael Wangler, Baylor College of Medicine, USA

Jennifer Watts, Washington State University, USA

Hans Weiher, Hochschule Bonn-Rhein-Sieg, Germany

Chris Weihl, Washington University School of Medicine, USA

Dominic Wells, Royal Veterinary College, UK

Wolfgang Weninger, Medical University of Vienna, Austria

Robert Wessells, Wayne State University, USA

Robert Wheeler, University of Maine, USA

Tanya Whitfield, University of Sheffield, UK

Rebecca Wingert, University of Notre Dame, USA

Valerie Wittamer, Université Libre de Bruxelles, Belgium

Bogdan Wlodarczyk, Baylor College of Medicine, USA

Adam Wong, University of Florida, USA

Ian Wood, University of Leeds, UK

Anping Xia, Stanford University, USA

Lei Xue, Tongji University, China

Shu Yang, NIH, USA

Pamela Yelick, Tufts University, USA

Mervin Yoder, Indiana University, USA

Mark Yorek, University of Iowa, USA

H. Joseph Yost, University of Utah, USA

Min Yu, University of Southern California, USA

Catherine Zydorczyk, University of Lausanne, Switzerland

Eldad Zacksenhaus, University of Toronto, Canada

Stephane Zaffran, Aix-Marseille University, France

Daniela Zarnescu, University of Arizona, USA

Frank Zaucke, University of Koln, Germany

Sheng Zhang, University of Texas, USA

Yong Zhang, Chinese Academy of Sciences, China

Wei-jiang Zhao, Shantou University Medical College, China

Wei Zheng, National Center for Advancing Translational Sciences (NCATS), NIH, USA

Gong Zhiyuan, National University of Singapore, Singapore

Chengji Zhou, University of California at Davis, USA

Weibin Zhou, Icahn School of Medicine at Mount Sinai, USA

Yang Zhou, Brown University, USA

Berislav Zlokovic, University of Southern California, USA

Gulab Zode, University of North Texas Health Science Center, USA