CORRECTION



Correction: The ribosomal RPL10 R98S mutation drives IRESdependent BCL-2 translation in T-ALL

Kim R. Kampen¹ · Sergey O. Sulima¹ · Benno Verbelen¹ · Tiziana Girardi¹ · Stijn Vereecke ⁽¹⁾ · Laura Fancello¹ · Gianmarco Rinaldi^{2,3} · Jelle Verbeeck¹ · Joyce Op de Beeck¹ · Anne Uyttebroeck⁴ · Jules P. P. Meijerink⁵ · Anthony V. Moorman⁶ · Christine J. Harrison⁶ · Pieter Spincemaille⁷ · Jan Cools^{8,9} · David Cassiman⁷ · Sarah-Maria Fendt^{2,3} · Pieter Vermeersch¹⁰ · Kim De Keersmaecker¹

Published online: 8 March 2019 © The Author(s) 2019. This article is published with open access

Correction to: Leukemia 33, 319–332 (2019); https://doi.org/10.1038/s41375-018-0176-z;

published online 21 February 2019.

Following the publication of this article, the authors noted that Dr Laura Fancello was not listed among the authors. The corrected author list is given below. Additionally, the following was not included in the author contribution statement: 'L.F. analyzed RNA sequencing data'.

The authors wish to apologise for any inconvenience caused.

Kim R. Kampen¹, Sergey O. Sulima¹, Benno Verbelen¹, Tiziana Girardi¹, Stijn Vereecke¹, Laura Fancello¹, Gianmarco Rinaldi^{2,3}, Jelle Verbeeck¹, Joyce Op de Beeck¹, Anne Uyttebroeck⁴, Jules P. P. Meijerink⁵, Anthony V. Moorman⁶, Christine J. Harrison⁶, Pieter Spincemaille⁷, Jan Cools^{8,9}, David Cassiman⁷, Sarah-Maria Fendt^{2,3}, Pieter Vermeersch¹⁰, Kim De Keersmaecker¹

Author contributions K.R.K. designed research, performed research, collected data, analyzed data and wrote the paper. S.O.S. conducted

Kim De Keersmaecker kim.dekeersmaecker@kuleuven.be

- ¹ Department of Oncology, Laboratory for Disease Mechanisms in Cancer, KU Leuven and Leuven Cancer Institute (LKI), Leuven, Belgium
- ² Laboratory of Cellular Metabolism and Metabolic Regulation, Center for Cancer Biology, VIB, Leuven, Belgium
- ³ Department of Oncology, Laboratory of Cellular Metabolism and Metabolic Regulation, KU Leuven and Leuven Cancer Institute (LKI), Leuven, Belgium
- ⁴ Department of Pediatric Oncology & Hematology, University Hospitals Leuven, Leuven, Belgium
- ⁵ Princess Máxima Center for Pediatric Oncology, Utrecht, The Netherlands

the BCL2 IRES-reporter assays and wrote and edited the manuscript. B.V. and S.V. generated the CRISPR-Cas9 Jurkat clones. T.G. and JOdB generated Ba/F3 clones containing human RPL10 WT or R98S, G.R. and S.F. performed and interpreted the ¹³C₆-Glucose tracing experiment. J.V. facilitated the mice studies, and P.S. performed ATP analysis. A.U., A.V.M., C.J.H., J.P.P.M., and J.C. provided the pediatric T-ALL patient data and samples. P.V. and D.C. measured uric acid levels in serum samples. K.D.K. designed research, supervised the study and wrote the paper.

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit http://creativecommons.org/licenses/by/4.0/.

- ⁶ Leukaemia Research Cytogenetics Group, Northern Institute for Cancer Research, Newcastle University, Newcastle-upon-Tyne, UK
- ⁷ Department of Gastroenterology-Hepatology and Metabolic Center, University Hospitals Leuven, Leuven, Belgium
- ⁸ Laboratory of Molecular Biology of Leukemia, Center for Human Genetics, KU Leuven and Leuven Cancer Institute (LKI), Leuven, Belgium
- ⁹ Laboratory of Molecular Biology of Leukemia, Center for Cancer Biology, VIB, Leuven, Belgium
- ¹⁰ Department of Laboratory Medicine, University Hospitals Leuven, Leuven, Belgium

Leukemia (2019) 33:1056 https://doi.org/10.1038/s41375-019-0408-x

Correction: Early myeloma-related death in elderly patients: development of a clinical prognostic score and evaluation of response sustainability role

Paula Rodríguez-Otero¹ · María Victoria Mateos² · Joaquín Martínez-López³ · Nerea Martín-Calvo ¹ · Miguel-Teodoro Hernández⁵ · Enrique M. Ocio² · Laura Rosiñol⁶ · Rafael Martínez⁷ · Ana-Isabel Teruel⁸ · Norma C. Gutiérrez² · Joan Bargay⁹ · Enrique Bengoechea¹⁰ · Yolanda González¹¹ · Jaime Pérez de Oteyza¹² · Mercedes Gironella¹³ · Cristina Encinas¹⁴ · Jesús Martín¹⁵ · Carmen Cabrera¹⁶ · Luis Palomera¹⁷ · Felipe de Arriba¹⁸ · María Teresa Cedena³ · Bruno Paiva¹ · Noemí Puig² · Albert Oriol¹⁹ · Joan Bladé⁶ · Juan José Lahuerta⁴ · Jesús F. San Miguel¹

Published online: 8 March 2019 © Springer Nature Limited 2019

Correction to: Leukemia;

https://doi.org/10.1038/s41375-018-0072-6; published online 23 February 2018.

Following the publication of this article, the author notes that the following information was missed from the acknowledgments section:

These authors contributed equally: Paula Rodríguez-Otero, María Victoria Mateos

The original article can be found online at https://doi.org/10.1038/ s41375-018-0072-6.

Jesús F. San Miguel sanmiguel@unav.es

- ¹ Clínica Universidad de Navarra, CIMA, IDISNA, CIBERONC, Pamplona, Spain
- ² Complejo Asistencial Universitario de Salamanca, Instituto de Investigación Biomédica de Salamanca, Salamanca, Spain
- ³ Hospital Universitario 12 de Octubre, Instituto de Investigación 12 de Octubre, CIBERONC, Madrid, Spain
- ⁴ Preventive Medicine and Public Health Department, University of Navarra, Pamplona, Spain
- ⁵ Hospital Universitario de Canarias, Santa Cruz de Tenerife, Spain
- ⁶ Hospital Clinic I Provincial, Institu d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS), Barcelona, Spain
- ⁷ Hospital Clínico San Carlos, Madrid, Spain
- ⁸ Hospital Clínico de Valencia, Valencia, Spain
- ⁹ Hospital Son Llatzer, Palma de Mallorca, Spain

Acknowledgment of research support: This study was supported by the Cooperative Research Thematic Network grants RD12/0036/0058 and RD12/0036/0046 of the Red de Cancer (Cancer Network of Excellence); Instituto de Salud Carlos III, Spain, Instituto de Salud Carlos III/Subdirección General de Investigación Sanitaria part-financed by the European Regional Development Fund (FIS: PI12/ 01761; PI12/02311; PI13/01469; PI14/01867, G03/136; Sara Borrell: CD13/00340); Asociación Española Contra el Cáncer (GCB120981SAN) and FEDER.

The authors wish to apologise for any inconvenience caused.

- ¹⁰ Hospital de Donostia, San Sebastian, Spain
- ¹¹ Institut d'Oncologia Dr. Josep Trueta, Girona, Spain
- ¹² Hospital de Madrid Sanchinarro, Universidad CEU San Pablo, Madrid, Spain
- ¹³ Hospital Vall d'Hebron, Barcelona, Spain
- ¹⁴ Hospital General Universitario Gregorio Marañón, Instituto de Investigación Sanitaria Gregorio Marañón (IiSGM), Madrid, Spain
- ¹⁵ Hospital General Virgen del Rocío, Sevilla, Spain
- ¹⁶ Hospital San Pedro de Alcántara, Cáceres, Spain
- ¹⁷ Hospital Clínico Universitario Lozano Blesa, Zaragoza, Spain
- ¹⁸ Servicio de Hematología y Oncología Médica, Hospital Universitario Morales Meseguer, IMIB-Arrixaca, Universidad de Murcia, Murcia, Spain
- ¹⁹ Insitut Català d'Oncologia, Institut Josep Carreras, Hospital German Trias i Pujol, Badalona, Barcelona, Spain

Correction: Novel evidence that extracellular nucleotides and purinergic signaling induce innate immunity-mediated mobilization of hematopoietic stem/progenitor cells

Mateusz Adamiak^{1,2} · Kamila Bujko¹ · Monika Cymer² · Monika Plonka¹ · Talita Glaser³ · Magda Kucia^{1,2} · Janina Ratajczak¹ · Henning Ulrich³ · Ahmed Abdel-Latif⁴ · Mariusz Z. Ratajczak^{1,2}

Published online: 8 March 2019 © The Author(s) 2019. This article is published with open access

Correction to: Leukemia 32; 1920–1931 (2018); https://doi.org/10.1038/s41375-018-0122-0; published online: 30 March 2018

Following the publication of this article, the authors noted that the following should be included in the Acknowledgements section: "MA is the recipient of a START scholarship (0785) from FNP". The authors wish to apologise for any inconvenience caused.

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit http://creativecommons.org/licenses/by/4.0/.

Mariusz Z. Ratajczak mzrata01@louisville.edu

- ¹ Stem Cell Institute at James Graham Brown Cancer Center, University of Louisville, Louisville, KY, USA
- ² Department of Regenerative Medicine and Center for Preclinical Studies and Technology, Warsaw Medical University, Warsaw, Poland
- ³ Department of Biochemistry, Institute of Chemistry, University of São Paulo, São Paulo, Brazil
- ⁴ Division of Cardiovascular Medicine, Gill Heart Institute, University of Kentucky, Lexington, KY, USA

Leukemia (2019) 33:1058 https://doi.org/10.1038/s41375-019-0411-2

Correction: Cancer from the perspective of stem cells and misappropriated tissue regeneration mechanisms

Mariusz Z. Ratajczak^{1,2} · Kamila Bujko¹ · Aaron Mack¹ · Magda Kucia^{1,2} · Janina Ratajczak¹

Published online: 7 March 2019 © The Author(s) 2019

Correction to: Leukemia (2018) 32:2519–2526; https://doi.org/10.1038/s41375-018-0294-7; published online 30 October 2018

Mariusz Z. Ratajczak mzrata01@louisville.edu

- ¹ Stem Cell Institute, Division of Hematology and Oncology, James Graham Brown Cancer Center, University Louisville, 500 South Floyd Street, Louisville 40202 Kentucky, USA
- ² Department of Regenerative Medicine, Center for Preclinical Research and Technology, Warsaw Medical University, Warsaw, Poland

Leukemia (2019) 33:1058-1059 https://doi.org/10.1038/s41375-019-0410-3 The original version of this Article omitted the following from the Acknowledgements:

OPUS grant UMO-2016/21/B/NZ4/00201 was awarded to MK.

Correction: Management of relapsed and refractory multiple myeloma: novel agents, antibodies, immunotherapies and beyond

C. S. Chim¹ · S. K. Kumar² · R. Z. Orlowski³ · G. Cook⁴ · P. G. Richardson⁵ · M. A. Gertz² · S. Giralt⁶ · M. V. Mateos⁷ · X. Leleu⁸ · K. C. Anderson⁵

Published online: 6 March 2019 © The Author(s) 2019. This article is published with open access

C. S. Chim jcschim@hku.hk

- ¹ Department of Medicine, Queen Mary Hospital, The University of Hong Kong, Hong Kong, Hong Kong
- ² Department of Medicine, Mayo Clinic at Rochester, Rochester, MN, USA
- ³ Department of Lymphoma/Myeloma, Division of Cancer Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX, USA
- ⁴ Haematology & Myeloma Studies, Section of Experimental

Haematology, Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK

- ⁵ Department of Medical Oncology, Dana-Farber Cancer Institute, Harvard Medical School, Boston, MA, USA
- ⁶ Department of Medicine, Memorial Sloan Kettering Cancer Center, New York, USA
- ⁷ Department of Haematology, University Hospital of Salamanca, Salamanca, Spain
- ⁸ Hopital La Mileterie, part of the Academic Hospital of Poitiers (CHU), Poitiers, France

Study	Phase of study	Novel agent	RCT	$RR/ \ge CR/ \ge VGPR$ in intervention arm	Median PFS (months) HR	Median OS (months)	Median number of prior lines	ASCT	Refractory to last regimen	Bort- & Len- Refractory	Remark	Year of publication
SIRIUS	2	daratumumab	No	29.2/2.8/12.2%	3.7 m	17.5 m 64% at 12 m	5	80%	97%	95%	Refractory MM	2016 [21]
GEN501	2	daratumumab	No	36/5/10%	5.6 m	77% at 12 m (16 mg/kg)	4	76%	80%	64%	Refractory MM	2016 [22]
MM-003	3	pomalidomide	POM-dex vs HD-Dex	31/1/5%	3.8 m vs 1.9 m HR: 0.48	11.9 vs 7.8 m HR: 0.74	95% ≥ 3	70%	82%	75/74%	Refractory MM	2013 [17]
CASTOR	3	daratumumab	DVd vs Vd	83/19/59%	NR vs 7.2 m HR: 0.39	NR in both arms	2	62%	30%	Nil	PI-refractory excluded	2016 [18]
POLLUX	3	daratumumab	DRd vs Rd	93/43.1/75.8%	NR vs 18.4 m HR: 0.37	NR in both arms	1	63%	28/26.9%	Nil	Len- refractory excluded MRD-ve: 22.4% vs 4.6%	2016 [23]
Eloquent-2	3	elotuzumab	Elo-Rd vs Rd	79/7/33%	19.4 m vs 14.9 m HR: 0.70	43.7 m vs 39.6 m HR: 0.77	2	55%	35%	Nil	21% bort- refractory	2015 [20, 45]
ASPIRE	3	carfilzomib	KRd vs Rd	87/17.7/70%	26.3 m vs 17.6 m HR: 0.69	NR in both HR: 0.79	2	NR	?Nil	Nil		2015 [15]
TOURMALINE- MM1	3	ixazomib	IRd vs Rd	78/12/36%	20.6 m vs 14.7 m HR: 0.74	NR in both arms	90% had ≤ 2 lines	57%	11%	Nil	Bort- or Len- refractory excluded	2016 [16]
Endeavor	3	carfilzomib	Kd vs Vd	77/11/42%	18.7 m vs 9.4 m HR: 0.53	47.6 m vs 40 m HR: 0.79	2	NR	Nil	Nil	Bort-refractory excluded	2016 [19,26]

POM pomalidomide, *HD* high-dose, *MM* multiple myeloma, *NR* not reached, *HR* hazard ratio, *Bort* bortezomib, *Len* lenalidomide, *DRd* daratumumab/lenalidomide/dexamethasone, *KRd* carfilzomib/lenalidomide/dexamethasone, *IRd* ixazomib/lenalidomide/dexamethasone, *Kd* carfilzomib/dexamethasone, *Kd* carfilzomib

Correction to: Leukemia 32, 252–262 (2018); https://doi.org/10.1038/leu.2017.329; published online February 2018

Following the publication of this article the authors noted that the MRD data under the Table 1 column "Remark" of Aspire should go to that of Pollux. The authors wish to apologize for any inconvenience caused. The corrected table is attached to this correction.

Table. Major clinical trials of next generation PIs (carfilzomib, Ixazomib), next generation IMiDs (pomalidomide) and monoclonal antibody.

Compliance with ethical standards

Conflict of interest CSC received sponsorship and honoraria from Celgene, Amgen, Takeda, and Janssen. SKK received research funding for clinical trials from Celgene, Takeda, Janssen, BMS, Sanofi, Kite, Merck, Abbvie, Medimmune, Novartis, Roche-Genentech, Amgen; served as consultants or advisory board members of Celgene, Takeda, Janssen, KITE, Merck, Abbvie, Medimmune, Genentech, Amgen; and received personal honoraria from Oncopeptides, Adaptive. RZO served as advisory board member for Amgen, Bristol-Myers Squibb, Celgene, Janssen Kite Pharma, Sanofi-Aventis, and Takeda. Received research support from Amgen, BioTheryX, and Spectrum Pharma. GC received research support and honoraria from Celgene, Janssen-Cilag, and Takeda; and honoraria from Amgen, Bristol-Myers Squibb, GlycoMimetics, Seattle Genetics, Karyopharm, and Sanofi. PGR has served as a member of advisory committees to Janssen, Amgen, Celgene, Takeda, Karyopharm, and Oncopeptides, and has received research funding from Takeda, Oncopeptides, Celgene &

Bristol Myers Squibb. MAG received personal fees from Ionis/Akcea, Alnvlam, Prothena, Celgene, Janssen, Annexon, Appellis, Amgen, Medscape, Physicians Education Resource, Abbvie's Data Safety Monitoring board, Research to Practice; receives grants and personal fees from Spectrum; received speaker fees from Teva, Johnson, and Johnson, Medscape, DAVA oncology; received royalties from Springer Publishing; received grant funding from Amyloidosis Foundation & International Waldenstrom Foundation; and served as advisory board for Pharmacyclics and Proclara outside the submitted work. SG served as advisory board members of Amgen, Actinuum, Celgene, Johnson & Johnson, Jazz Pharmaceutical, Takeda, Novartis, Kite & Spectrum Pharma; received research funding from Amgen, Actinuum, Celgene, Johnson & Johnson, Miltenyi & Takeda. MVM received honoraria from Janssen, Celgene, Amgen, Takeda, GSK, Abbvie, Seattle Genetics, Pharmamar for lectures and advisory boards. XL received honoraria from Celgene, Amgen, Takeda, BMS, Merck, Janssen, Karyopharm, Novartis, Gilead, Sanofi, Roche, Oncopeptides. KCA served as advisor/consultant to Celgene, Millennium-Takeda, Gilead, Janssen & Bristol Myers Squibb and served as scientific founder of Oncopep & C4 Therapeutics.

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit http://creativecommons.org/licenses/by/4.0/.

Leukemia (2019) 33:1060 https://doi.org/10.1038/s41375-019-0405-0

Correction: Assay to rapidly screen for immunoglobulin light chain glycosylation: a potential path to earlier AL diagnosis for a subset of patients

Sanjay Kumar¹ · David Murray² · Surendra Dasari³ · Paolo Milani⁴ · David Barnidge² · Benjamin Madden⁵ · Taxiarchis Kourelis¹ · Bonnie Arendt² · Giampaolo Merlini⁴ · Marina Ramirez-Alvarado⁶ · Angela Dispenzieri^{1,2}

Published online: 28 February 2019 © Springer Nature Limited 2019

Correction to: Leukemia (2019)33: 254–257; https://doi.org/10.1038/s41375-018-0194-x; published online 6 July 2018

Following the publication of this article, the authors noted that Patrick M. Vanderboom was inadvertently omitted from the author list. The correct author list is as follows: Sanjay Kumar, David Murray, Surendra Dasari, Paolo Milani, David Barnidge, Benjamin Madden, Patrick M. Vanderboom, Taxiarchis Kourelis, Bonnie Arendt, Giampaolo Merlini, Marina Ramirez-Alvarado, Angela Dispenzieri. Patrick M. Vanderboom is affiliated with the Mayo Clinic in Rochester, MN.

Angela Dispenzieri Dispenzieri.Angela@mayo.edu

- ¹ Division of Hematology, Mayo Clinic, Rochester, MN, USA
- ² Department of Laboratory Medicine, Mayo Clinic, Rochester, MN, USA
- ³ Department of Health Science, Mayo Clinic, Rochester, MN, USA
- ⁴ Amyloidosis Research and Treatment Center, Fondazione IRCCS Policlinico San Matteo and Department of Molecular Medicine, University of Pavia, Pavia, Italy
- ⁵ Medical Genomics Facility, Proteomics Core, Mayo Clinic, Rochester, MN, USA
- ⁶ Departments of Biochemistry and Molecular Biology, Mayo Clinic, Rochester, MN, USA

Correction: Inotuzumab ozogamicin in pediatric patients with relapsed/refractory acute lymphoblastic leukemia

Deepa Bhojwani¹ · Richard Sposto¹ · Nirali N. Shah² · Vilmarie Rodriguez³ · Constance Yuan² · Maryalice Stetler-Stevenson² · Maureen M. O'Brien⁴ · Jennifer L. McNeer⁵ · Amrana Quereshi⁶ · Aurelie Cabannes⁷ · Paul Schlegel⁸ · Claudia Rossig⁹ · Luciano Dalla-Pozza¹⁰ · Keith August¹¹ · Sarah Alexander¹² · Jean-Pierre Bourquin¹³ · Michel Zwaan¹⁴ · Elizabeth A. Raetz¹⁵ · Mignon L. Loh¹⁶ · Susan R. Rheingold¹⁷

Published online: 7 March 2019 © The Author(s) 2019. This article is published with open access

Correction to: Leukemia (2018);

https://doi.org/10.1038/s41375-018-0265-z; published online 28 September 2018

In the original version of this Article the following authors were omitted:

• Claudia Rossig (University Children's Hospital of Münster, Münster, Germany)

• Paul Schlegel (University Children's Hospital of Würzburg, Würzburg, Germany)

• Jean-Pierre Bourquin (University Children's Hospital, Switzerland)

• Aurelie Cabannes (University Hospital Saint-Louis, Paris, France)

• Luciano Dalla-Pozza (Children's Hospital at Westmead, Sydney, Australia)

• Sarah Alexander (The Hospital for Sick Children, Toronto, Canada)

Deepa Bhojwani dbhojwani@chla.usc.edu

- ¹ Children's Hospital Los Angeles and Keck School of Medicine, University of Southern California, Los Angeles, CA, USA
- ² National Cancer Institute, Bethesda, MD, USA
- ³ Mayo Clinic, Rochester, MN, USA
- ⁴ Cincinnati Children's Hospital Medical Center, University of Cincinnati School of Medicine, Cincinnati, OH, USA
- ⁵ University of Chicago Medicine Comer Children's Hospital, Chicago, IL, USA
- ⁶ Oxford University Hospitals, Oxford, UK
- ⁷ University Hospital Saint-Louis, Paris, France
- ⁸ University Children's Hospital of Würzburg, Würzburg, Germany

• Michel Zwaan (Erasmus MC, University Medical Center, Rotterdam, the Netherlands)

• Amrana Quereshi (Oxford University Hospitals, UK)

• Keith August (Children's Mercy Hospital, Kansas City, MO, USA)

All authors agree to the inclusion of these added authors The acknowledgments section has also been updated to read:

We thank the research coordinators and following physicians at pediatric cancer centers for contributing data to this project: Prashant Hiwarkar and Jayashree Motwani, Birmingham Women's and Children's Hospital, UK; Kelly Maloney, Children's Hospital of Colorado, USA; Mylene Bassal, Children's Hospital of Colorado, USA; Mylene Bassal, Children's Hospital of Eastern Ontario, Canada; Yoav Messinger and Joanna Perkins, Children's Hospital of Minnesota, USA; Van Huynh, Children's Hospital of Orange County, USA; Richard Ho, Children's Hospital at Vanderbilt, USA; Joanne Chuah and Jessa Morales,

- ⁹ University Children's Hospital of Münster, Münster, Germany
- ¹⁰ Children's Hospital at West-mead, Sydney, Australia
- ¹¹ Children's Mercy Hospital, Kansas City, MO, USA
- ¹² The Hospital for Sick Children, Toronto, Canada
- ¹³ University Children's Hospital, Zurich, Switzerland
- ¹⁴ Erasmus MC, University Medical Center, Rotterdam, the Netherlands
- ¹⁵ New York University Langone Medical Center, New York, NY, USA
- ¹⁶ Benioff Children's Hospital and the Helen Diller Family Comprehensive Cancer Center, University of California San Francisco, San Francisco, CA, USA
- ¹⁷ Childrens Hospital of Philadelphia, University of Pennsylvania, Philadelphia, PA, USA

Children's Hospital at Westmead, Australia; Donald Wells, Dell Children's Hospital, USA; Nicolas Boissel, Hospital Saint-Louis, France; Tannie Huang, Kaiser Permanente, USA; Stacey Marjerrison, McMaster Children's Hospital, Canada; William Carroll and Joanna Pierro, New York University Langone Medical Center, USA; Ajay Vora, Sheffield Children's Hospital, UK; Donna Lancaster, The Royal Marsden Hospital, UK; Lucie Šrámková, University Hospital Motol, Czech Republic; Chatchawin Assanasen, University of Texas Health Science Center, San Antonio, USA; Rupert Handgretinger, University of Tübingen, Germany. This has now been corrected in both the PDF and HTML versions of the Article.

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit http://creativecommons.org/licenses/by/4.0/.