

## Author Correction: Fecal microbiota transplantation for refractory immune checkpoint inhibitor-associated colitis

Yinghong Wang , Diana H. Wiesnoski, Beth A. Helmink, Vancheswaran Gopalakrishnan, Kati Choi, Hebert L. DuPont, Zhi-Dong Jiang, Hamzah Abu-Sbeih, Christopher A. Sanchez, Chia-Chi Chang, Edwin R. Parra, Alejandro Francisco-Cruz, Gottumukkala S. Raju, John R. Stroehlein, Matthew T. Campbell, Jianjun Gao, Sumit K. Subudhi, Dipen M. Maru, Jorge M. Blando, Alexander J. Lazar, James P. Allison, Padmanee Sharma, Michael T. Tetzlaff, Jennifer A. Wargo and Robert R. Jeng

Correction to: Nature Medicine https://doi.org/10.1038/s41591-018-0238-9, published online 12 November 2018.

In the version of this article originally published, an author was missing from the author list. Alexander J. Lazar should have been included between Jorge M. Blando and James P. Allison. The author has been added to the list, and the author contributions section has been updated to include Alexander J. Lazar's contribution to the study. The error has been corrected in the print, PDF and HTML versions of the manuscript.

Published online: 27 November 2018 https://doi.org/10.1038/s41591-018-0305-2

## Author Correction: A human monoclonal antibody prevents malaria infection by targeting a new site of vulnerability on the parasite

Neville K Kisalu, Azza H Idris, Connor Weidle, Yevel Flores-Garcia, Barbara J Flynn, Brandon K Sack, Sean Murphy, Arne Schön, Ernesto Freire, Joseph R Francica, Alex B Miller, Jason Gregory, Sandra March, Hua-Xin Liao, Barton F Haynes, Kevin Wiehe, Ashley M Trama, Kevin O Saunders, Morgan A Gladden, Anthony Monroe, Mattia Bonsignori, Masaru Kanekiyo, Adam K Wheatley, Adrian B McDermott, S Katie Farney, Gwo-Yu Chuang, Baoshan Zhang, Natasha Kc, Sumana Chakravarty, Peter D Kwong, Photini Sinnis, Sangeeta N Bhatia, Stefan H I Kappe, B Kim Lee Sim, Stephen L Hoffman, Fidel Zavala, Marie Pancera and Robert A Seder

Correction to: Nature Medicine https://doi.org/10.1038/nm.4512, published online 19 March 2018

In the version of this article originally published, data were incorrectly ascribed to monoclonal antibody CIS34 because of a labeling error. The data were generated with monoclonal antibody CIS04. The corrections are presented below.

## Results:

Published text: "Four of the five monoclonal antibodies (CIS23, CIS34, CIS42 and CIS43) showed dose-dependent binding to rPfCSP and PfSPZ in an ELISA and had maximal effective concentrations (EC $_{50}$ s) ranging 0.003–0.134 µg/ml and 0.017–0.08 µg/ml, respectively (Fig. 1c)."

Correct text: "Four of the five monoclonal antibodies (CIS23, CIS04, CIS42 and CIS43) showed dose-dependent binding to rPfCSP and PfSPZ in an ELISA and had maximal effective concentrations (EC<sub>50</sub>s) ranging 0.003–0.134  $\mu$ g/ml and 0.017–0.08  $\mu$ g/ml, respectively (Fig. 1c)."

Published text: "Four of the PfCSP-specific monoclonal antibodies (CIS23, CIS34, CIS42 and CIS43) that were isolated from memory B cells, and three of the PfCSP-specific monoclonal antibodies (mAb04, mAb09 and mAb10) isolated from plasmablasts showed dose-dependent inhibition of sporozoite invasion of hepatocytes (Supplementary Fig. 1b)."

Correct text: "Four of the PfCSP-specific monoclonal antibodies (CIS23, CIS04, CIS42 and CIS43) that were isolated from memory B cells, and three of the PfCSP-specific monoclonal antibodies (mAb04, mAb09 and mAb10) isolated from plasmablasts showed dose-dependent inhibition of sporozoite invasion of hepatocytes (Supplementary Fig. 1b)."

Published text: "Passive transfer of the monoclonal antibody CIS43 in mice following intravenous infection led to the highest reduction ( $\sim$ 2–4 logs) of the liver-stage parasite burden in a dose-dependent manner (P < 0.008; Fig. 2a,b) as compared to the liver-stage parasite burden in untreated mice or those receiving transfection filtrate (mock); the second-highest reduction was observed following transfer of CIS34, which led to a  $\sim$ 2-log reduction (P < 0.008; Fig. 2a)."

NATURE MEDICINE AMENDMENTS

Correct text: "Passive transfer of the monoclonal antibody CIS43 in mice following intravenous infection led to the highest reduction ( $\sim$ 2–4 logs) of the liver-stage parasite burden in a dose-dependent manner (P < 0.008; Fig. 2a,b) as compared to the liver-stage parasite burden in untreated mice or those receiving transfection filtrate (mock); the second-highest reduction was observed following transfer of CIS04, a monoclonal antibody clonally related to CIS43, which led to a  $\sim$ 2-log reduction (P < 0.008; Fig. 2a)."

Published text: "In two independent experiments, all 14 mice that received CIS43, 13 of 14 mice that received CIS34 and 7 of 7 mice that received mAb10 were free of parasites in blood up to 12 d after infection (P = 0.0001, log-rank test)."

Correct text: "In two independent experiments, all 14 mice that received CIS43, 13 of 14 mice that received CIS04 and 7 of 7 mice that received mAb10 were free of parasites in blood up to 12 d after infection (P = 0.0001, log-rank test)."

Published text: "Thermodynamic parameters and stoichiometry of binding between CIS43, CIS42, CIS23, CIS34 and mAb10 to rPfCSP were then determined using isothermal titration calorimetry (ITC)."

Correct text: "Thermodynamic parameters and stoichiometry of binding between CIS43, CIS42, CIS23, CIS04 and mAb10 to rPfCSP were then determined using isothermal titration calorimetry (ITC)."

Published text: "Similarly, CIS34 also had two binding events, with one site bound with an affinity of 31 nM and eight other sites bound with an affinity of 80 nM (Supplementary Fig. 3)."

Correct text: "Similarly, CIS04 also had two binding events, with one site bound with an affinity of 31 nM and eight other sites bound with an affinity of 80 nM (Supplementary Fig. 3)."

Fig. 1c,d:

"CIS04" should be present instead of "CIS34" in the key in Fig. 1c and in the image labels in Fig. 1d.

Fig. 2c:

"CIS04" should be present instead of "CIS34" in the key in Fig. 2c

Fig. 2c legend:

Published text: "Differences between CIS43-, CIS34- and mAb10-treated mice and untreated mice were significant (P = 0.0001) (n = 7 mice per group per experiment)."

Correct text: "Differences between CIS43-, CIS04- and mAb10-treated mice and untreated mice were significant (P = 0.0001) (n = 7 mice per group per experiment)."

Supplementary Fig. 3a legend:

Published text: "a, CIS23, CIS34, CIS42, mAb10."

Correct text: "a, CIS23, CIS04, CIS42, mAb10."

Supplementary Fig. 1b,c,d,f:

"CIS34" was replaced with "CIS04" in the x axes of Supplementary Fig. 1b,c. The "CIS34" title was replaced with "CIS04" in Supplementary Fig. 1d,f.

Supplementary Fig. 2a,b,c:

The "CIS34" title was replaced with "CIS04" in Supplementary Fig. 2a,b,c.

Supplementary Fig. 3a:

The "CIS34" title was replaced with "CIS04" in Supplementary Fig. 3a.

Supplementary Table 1:

The fifth row originally was labeled with "CIS34", and this label was replaced with "CIS04."

Supplementary Table 2a,b,c:

The last rows in Supplementary Table 2a,b,c originally were labeled with "CIS34", and these labels were replaced with "CIS04."

Published online: 14 December 2018 https://doi.org/10.1038/s41591-018-0315-0