

CORRECTION

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# Correction to: First results on survival from a large Phase 3 clinical trial of an autologous dendritic cell vaccine in newly diagnosed glioblastoma

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## Correction to: *J Transl Med* (2018) 16:142

<https://doi.org/10.1186/s12967-018-1507-6>

Following publication of the original article [1], the authors reported an error in the spelling of one of the author names. In this Correction the incorrect and correct author names are indicated and the author name has been updated in the original publication. The authors also reported an error in the Methods section of the original article. In this Correction the incorrect and correct versions of the affected sentence are indicated. The original article has not been updated with regards to the error in the Methods section.

## Incorrect author name upon publication:

- Tobias Walpert

## The correct author name:

- Tobias Walbert

## The affected sentence in the Methods section upon publication, with the error marked in bold:

- In general, approximately 2 g of tumor tissue was needed to produce the full ten doses for the 36-month treatment and follow-up schedule. The vaccine was aliquoted in individual doses and cryopreserved at < **150 °C** [22].

## The corrected sentence, with the corrected temperature marked in bold:

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- In general, approximately 2 g of tumor tissue was needed to produce the full ten doses for the 36-month treatment and follow-up schedule. The vaccine was aliquoted in individual doses and cryopreserved at  $< -150\text{ }^{\circ}\text{C}$  [22].

The reference which is cited in the above sentence can be reviewed in the original article.

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The original article can be found online at <https://doi.org/10.1186/s12967-018-1507-6>.

#### Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

Received: 8 June 2018 Accepted: 19 June 2018

Published online: 29 June 2018

#### Reference

1. Liau LM, Ashkan K, Tran DD, Campian JL, Trusheim JE, Cobbs CS, Heth JA, Salacz M, Taylor S, D'Andre SD, Iwamoto FM, Dropcho EJ, Moshel YA, Walter KA, Pillainayagam CP, Aiken R, Chaudhary R, Goldlust SA, Bota DA, Duic P, Grewal J, Elinzano H, Toms SA, Lillehei KO, Mikkelsen T, Walbert T, Abram SR, Brenner AJ, Brem S, Ewend MG, Khagi S, Portnow J, Kim LJ, Loudon WG, Thompson RC, Avigan DE, Fink KL, Geofroy FJ, Lindhorst S, Lutzky J, Sloan AE, Schackert G, Krex D, Meisel H-J, Wu J, Davis RP, Duma C, Etame AB, Mathieu D, Kesari S, Piccioni D, Westphal M, Baskin DS, New PZ, Lacroix M, May S-A, Pluard TJ, Victor T, Green RM, Villano JL, Pearlman M, Petrecca K, Schulder M, Taylor LP, Maida AE, Prins RM, Cloughesy TF, Mulholland P, Bosch ML. First results on survival from a large Phase 3 clinical trial of an autologous dendritic cell vaccine in newly diagnosed glioblastoma. *J Transl Med*. 2018;16:142. <https://doi.org/10.1186/s12967-018-1507-6>.