

# Origin and segregation of the human germline

Aracely Castillo-Venzor, Christopher Penfold, Michael Morgan, Walfred Tang, Toshihiro Kobayashi, Frederick Wong, Sophie Bergmann, Erin Slatery, Thorsten Boroviak, John Marioni, and M. Azim Surani

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*Corresponding author(s): Dr. Azim Surani (Wellcome/Cancer Research UK Gurdon Institute) and Aracely Castillo-Venzor*

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## Review Timeline:

Submission Date:	2022-09-03
Editorial Decision:	2022-09-05
Revision Received:	2023-02-11
Editorial Decision:	2023-03-08
Revision Received:	2023-04-10
Editorial Decision:	2023-04-11
Revision Received:	2023-05-10
Accepted:	2023-05-11

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*Scientific Editor: Eric Sawey*

## Transaction Report:

(Note: With the exception of the correction of typographical or spelling errors that could be a source of ambiguity, letters and reports are not edited. The original formatting of letters and referee reports may not be reflected in this compilation.)

Please note that the manuscript was previously reviewed at another journal and the reports were taken into account in inviting a revision for publication at *Life Science Alliance* prior to submission to *Life Science Alliance*.

No Peer Review Process File is available with this article, as the authors have chosen not to make the review process public in this case.

Re: Life Science Alliance manuscript #LSA-2022-01706-T

Dr. Azim Azim Surani  
Wellcome Trust/Cancer Research UK Gurdon Institute  
Wellcome Trust/Cancer Research UK Gurdon Institute  
Tennis Court Road  
Cambridge, Cambridgeshire CB2 1QR  
United Kingdom

Dear Dr. Surani,

Thank you for submitting your manuscript entitled "Origin and segregation of the human germline" to Life Science Alliance. The manuscript was assessed by expert reviewers at EMBO Reports and then transferred to LSA. We are interested in these findings, and would like to invite further consideration of this manuscript at LSA pending the following revisions:

- Address Reviewer 1's comments via added Discussion or clarification. Requests for additional experimentation are not required.
- You may respond and add Discussion or clarification points in the text in response to Reviewer 2, if you wish.
- Address Reviewer 3's comments, excluding point #9.

To upload the revised version of your manuscript, please log in to your account: <https://lsa.msubmit.net/cgi-bin/main.plex>

You will be guided to complete the submission of your revised manuscript and to fill in all necessary information. Please get in touch in case you do not know or remember your login name.

While you are revising your manuscript, please also attend to the below editorial points to help expedite the publication of your manuscript. Please direct any editorial questions to the journal office.

The typical timeframe for revisions is three months. Please note that papers are generally considered through only one revision cycle, so strong support from the referees on the revised version is needed for acceptance.

When submitting the revision, please include a letter addressing the reviewers' comments point by point.

Thank you for this interesting contribution to Life Science Alliance. We are looking forward to receiving your revised manuscript.

Sincerely,

Novella Guidi, PhD  
Scientific Editor  
Life Science Alliance

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#### A. THESE ITEMS ARE REQUIRED FOR REVISIONS

- A letter addressing the reviewers' comments point by point.
- An editable version of the final text (.DOC or .DOCX) is needed for copyediting (no PDFs).
- High-resolution figure, supplementary figure and video files uploaded as individual files: See our detailed guidelines for preparing your production-ready images, <https://www.life-science-alliance.org/authors>

-- Summary blurb (enter in submission system): A short text summarizing in a single sentence the study (max. 200 characters including spaces). This text is used in conjunction with the titles of papers, hence should be informative and complementary to the title and running title. It should describe the context and significance of the findings for a general readership; it should be written in the present tense and refer to the work in the third person. Author names should not be mentioned.

-- By submitting a revision, you attest that you are aware of our payment policies found here: <https://www.life-science-alliance.org/copyright-license-fee>

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We encourage our authors to provide original source data, particularly uncropped/-processed electrophoretic blots and spreadsheets for the main figures of the manuscript. If you would like to add source data, we would welcome one PDF/Excel-file per figure for this information. These files will be linked online as supplementary "Source Data" files.

\*\*\*IMPORTANT: It is Life Science Alliance policy that if requested, original data images must be made available. Failure to provide original images upon request will result in unavoidable delays in publication. Please ensure that you have access to all original microscopy and blot data images before submitting your revision.\*\*\*

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Re: Life Science Alliance manuscript #LSA-2022-01706-TR

Dr. Azim Surani  
Wellcome/Cancer Research UK Gurdon Institute  
Wellcome Trust/Cancer Research UK Gurdon Institute  
Tennis Court Road  
Cambridge, Cambridgeshire CB2 1QR  
United Kingdom

Dear Dr. Surani,

Thank you for submitting your revised manuscript entitled "Origin and segregation of the human germline" to Life Science Alliance. The manuscript has been seen by the original reviewers whose comments are appended below. While the reviewers continue to be overall positive about the work in terms of its suitability for Life Science Alliance, some important issues remain. We therefore encourage to address the final Reviewer 1's points.

Our general policy is that papers are considered through only one revision cycle; however, given that the suggested changes are relatively minor, we are open to one additional short round of revision. Please note that I will expect to make a final decision without additional reviewer input upon resubmission.

Please submit the final revision within one month, along with a letter that includes a point by point response to the remaining reviewer comments.

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- High-resolution figure, supplementary figure and video files uploaded as individual files: See our detailed guidelines for preparing your production-ready images, <https://www.life-science-alliance.org/authors>
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Thank you for this interesting contribution to Life Science Alliance.

Sincerely,

Novella Guidi, PhD  
Scientific Editor  
Life Science Alliance

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RE: Life Science Alliance Manuscript #LSA-2022-01706-TRR

Dr. Azim Surani  
Wellcome/Cancer Research UK Gurdon Institute  
Wellcome Trust/Cancer Research UK Gurdon Institute  
Tennis Court Road  
Cambridge, Cambridgeshire CB2 1QR  
United Kingdom

Dear Dr. Surani,

Thank you for submitting your revised manuscript entitled "Origin and segregation of the human germline". We would be happy to publish your paper in Life Science Alliance pending final revisions necessary to meet our formatting guidelines.

Along with points mentioned below, please tend to the following:

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- please use the [10 author names, et al.] format in your references (i.e. limit the author names to the first 10)
- please add a callout for Figure S2A-B and S2E,F,I; Figure S6A-D and S6H-I to your main manuscript text

Figure Check:

- please refer to the panels for Supplementary Figure 7 A-I, Supplementary Figure 5 and Figure S3C legends
- please add scale bars to Figure 4F

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To upload the final version of your manuscript, please log in to your account: <https://lsa.msubmit.net/cgi-bin/main.plex>

You will be guided to complete the submission of your revised manuscript and to fill in all necessary information. Please get in touch in case you do not know or remember your login name.

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These items are required for acceptance.

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-- High-resolution figure, supplementary figure and video files uploaded as individual files: See our detailed guidelines for preparing your production-ready images, <https://www.life-science-alliance.org/authors>

-- Summary blurb (enter in submission system): A short text summarizing in a single sentence the study (max. 200 characters including spaces). This text is used in conjunction with the titles of papers, hence should be informative and complementary to the title. It should describe the context and significance of the findings for a general readership; it should be written in the present tense and refer to the work in the third person. Author names should not be mentioned.

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**\*\*Submission of a paper that does not conform to Life Science Alliance guidelines will delay the acceptance of your manuscript.\*\***

**\*\*It is Life Science Alliance policy that if requested, original data images must be made available to the editors. Failure to provide original images upon request will result in unavoidable delays in publication. Please ensure that you have access to all original data images prior to final submission.\*\***

**\*\*The license to publish form must be signed before your manuscript can be sent to production. A link to the electronic license to publish form will be sent to the corresponding author only. Please take a moment to check your funder requirements.\*\***

**\*\*Reviews, decision letters, and point-by-point responses associated with peer-review at Life Science Alliance will be published online, alongside the manuscript. If you do want to opt out of having the reviewer reports and your point-by-point responses displayed, please let us know immediately.\*\***

Thank you for your attention to these final processing requirements. Please revise and format the manuscript and upload materials within 7 days.

Thank you for this interesting contribution, we look forward to publishing your paper in Life Science Alliance.

Sincerely,

Novella Guidi, PhD  
Scientific Editor  
Life Science Alliance

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RE: Life Science Alliance Manuscript #LSA-2022-01706-TRRR

Dr. Azim Surani  
Wellcome/Cancer Research UK Gurdon Institute  
Wellcome Trust/Cancer Research UK Gurdon Institute  
Tennis Court Road  
Cambridge, Cambridgeshire CB2 1QR  
United Kingdom

Dear Dr. Surani,

Thank you for submitting your Research Article entitled "Origin and segregation of the human germline". It is a pleasure to let you know that your manuscript is now accepted for publication in Life Science Alliance. Congratulations on this interesting work.

The final published version of your manuscript will be deposited by us to PubMed Central upon online publication.

Your manuscript will now progress through copyediting and proofing. It is journal policy that authors provide original data upon request.

Reviews, decision letters, and point-by-point responses associated with peer-review at Life Science Alliance will be published online, alongside the manuscript. If you do want to opt out of having the reviewer reports and your point-by-point responses displayed, please let us know immediately.

\*\*\*IMPORTANT: If you will be unreachable at any time, please provide us with the email address of an alternate author. Failure to respond to routine queries may lead to unavoidable delays in publication.\*\*\*

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Again, congratulations on a very nice paper. I hope you found the review process to be constructive and are pleased with how the manuscript was handled editorially. We look forward to future exciting submissions from your lab.

Sincerely,

Novella Guidi, PhD  
Scientific Editor  
Life Science Alliance