

ICMJE Form for Disclosure of Potential Conflicts of Interest

Instructions

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1. Identifying information.

2. The work under consideration for publication.

This section asks for information about the work that you have submitted for publication. The time frame for this reporting is that of the work itself, from the initial conception and planning to the present. The requested information is about resources that you received, either directly or indirectly (via your institution), to enable you to complete the work. Checking "No" means that you did the work without receiving any financial support from any third party -- that is, the work was supported by funds from the same institution that pays your salary and that institution did not receive third-party funds with which to pay you. If you or your institution received funds from a third party to support the work, such as a government granting agency, charitable foundation or commercial sponsor, check "Yes".

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4. Intellectual Property.

This section asks about patents and copyrights, whether pending, issued, licensed and/or receiving royalties.

5. Relationships not covered above.

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Other: Anything not covered under the previous three boxes

Pending: The patent has been filed but not issued

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Royalties: Funds are coming in to you or your institution due to your patent

ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) Linda 2. Surname (Last Name) DiMeglio 3. Date 04-June-2018

4. Are you the corresponding author? Yes No Corresponding Author's Name
Carmella Evans-Molina

5. Manuscript Title
The presence of substantial β cell compromise exists more than five years before the diagnosis of type 1 diabetes

6. Manuscript Identifying Number (if you know it)
120877-INS-CMED-TR-2

Section 2. The Work Under Consideration for Publication

Did you or your institution **at any time** receive payment or services from a third party (government, commercial, private foundation, etc.) for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc.)?

Are there any relevant conflicts of interest? Yes No

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Are there any relevant conflicts of interest? Yes No

If yes, please fill out the appropriate information below.

Name of Entity	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments
Eli Lilly and Co	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Medtronic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sanofi	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Xeris	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Caladrius	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Dexcom	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	In-kind research grant support
Janssen	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents, whether planned, pending or issued, broadly relevant to the work? Yes No

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Section 6. Disclosure Statement

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Dr. DiMeglio reports personal fees from Eli Lilly and Co, grants from Medtronic, grants from Sanofi, grants from Xeris, grants from Caladrius, other from Dexcom, grants from Janssen, outside the submitted work.

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1. Given Name (First Name)

Heba

2. Surname (Last Name)

Ismail

3. Date

31-May-2018

4. Are you the corresponding author?

Yes

No

Corresponding Author's Name

Carmella Evans-Molina

5. Manuscript Title

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Dr. Ismail has nothing to disclose.

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Section 1. Identifying Information

1. Given Name (First Name) Jeffrey	2. Surname (Last Name) Krischer	3. Date 31-May-2018
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Evans-Molina
5. Manuscript Title The presence of substantial B-cell compromise...		
6. Manuscript Identifying Number (if you know it) 120877-INS-CMED-TR-2		

Section 2. The Work Under Consideration for Publication

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) Jerry

2. Surname (Last Name) Palmer

3. Date 04-June-2018

4. Are you the corresponding author? Yes No Corresponding Author's Name Carmella Evans-Molina

5. Manuscript Title The presence of substantial β cell compromise exists more than five years before the diagnosis of type 1 diabetes

6. Manuscript Identifying Number (if you know it) 120877-INS-CMED-TR-2

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Are there any relevant conflicts of interest? Yes No

If yes, please fill out the appropriate information below. If you have more than one entity press the "ADD" button to add a row. Excess rows can be removed by pressing the "X" button.

Name of Institution/Company	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments
National Institutes of Health	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIH grant supported this work

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Dr. Palmer reports grants from NIH during the conduct of the study; .

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Ping

2. Surname (Last Name)
Xu

3. Date
31-May-2018

4. Are you the corresponding author? Yes No
Corresponding Author's Name
Evans-Molina, Carmella

5. Manuscript Title
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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) Emily	2. Surname (Last Name) Sims	3. Date 05-June-2018
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Carmella Evans-Molina
5. Manuscript Title The presence of substantial β cell compromise exists more than five years before the diagnosis of type 1 diabetes		
6. Manuscript Identifying Number (if you know it) 120877-INS-CMED-TR-2		

Section 2. The Work Under Consideration for Publication

Did you or your institution **at any time** receive payment or services from a third party (government, commercial, private foundation, etc.) for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc.)?

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Jay

2. Surname (Last Name)
Sosenko

3. Date
31-May-2018

4. Are you the corresponding author? Yes No Corresponding Author's Name
Carmella Evans-Molina

5. Manuscript Title
The presence of substantial β cell compromise exists more than five years before the diagnosis of type 1 diabetes

6. Manuscript Identifying Number (if you know it)
120877-INS-CMED-TR-2

Section 2. The Work Under Consideration for Publication

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Are there any relevant conflicts of interest? Yes No

Section 4. Intellectual Property -- Patents & Copyrights

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) Andrea	2. Surname (Last Name) Steck	3. Date 29-May-2018
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name _____
5. Manuscript Title The presence of substantial β cell compromise exists more than five years before the diagnosis of type 1 diabetes	_____	
6. Manuscript Identifying Number (if you know it) 120877-INS-CMED-TR-2	_____	

Section 2. The Work Under Consideration for Publication

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Are there any relevant conflicts of interest? Yes No

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Dr. Steck has nothing to disclose.

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) Susan 2. Surname (Last Name) Geyer 3. Date 04-June-2018

4. Are you the corresponding author? Yes No Corresponding Author's Name
Carmella Evans-Molina

5. Manuscript Title
The presence of substantial β cell compromise exists more than five years before the diagnosis of type 1 diabetes

6. Manuscript Identifying Number (if you know it)
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Are there any relevant conflicts of interest? Yes No

If yes, please fill out the appropriate information below. If you have more than one entity press the "ADD" button to add a row. Excess rows can be removed by pressing the "X" button.

Name of Institution/Company	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments
NIDDK	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TrialNet Coordinating Center grant

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Dr. Geyer reports grants from NIDDK, during the conduct of the study; .

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REPORTING CHECKLIST FOR REVISED SUBMISSION

=====

In addition to addressing items noted in the decision above, please ensure that your manuscript adheres to the following guidelines before submitting your revision:

REQUIRED FILES

PDF of the revised manuscript that includes a preface of point-by-point responses to reviewer comments.

Text document (formatted as Word or RTF) of the revised manuscript (do not include point-by-point responses).

PDF of the uncropped/unedited versions of all gel and blot images that appear in the manuscript and Supplement. Each image should be annotated as "Full unedited gel for Figure X"; highlight which lanes of the unedited gel correspond to those shown in the cropped images within the figures.

NA

Conflict of interest documentation for all authors and appropriate flow diagrams and checklists as required for the Clinical Medicine category (https://insight.jci.org/kiosks/authors#CMED_Requirements).

Provide high-resolution electronic files for all figures. See figure instructions for more information: <https://insight.jci.org/kiosks/publish/figures>.

DATA REPORTING GUIDELINES

The exact number of samples (n) for each figure panel representing multiple experiments is included in the legend.

For representative experiments, the number of times the experiment was conducted is stated.

NA

The statistical test utilized is described in each figure legend.

NA

Error bars are defined, either in Statistics or in the legends themselves; e.g., "Data represent mean \pm SEM." Variance around the mean and statistical analysis should not be presented if fewer than 3 independent samples are included

NA

X For statistical analysis, the analysis appropriately corrects for multiple comparisons when comparing more than two groups and corrects for repeated measures when comparing multiple measurements within subjects. A statement describing inclusion/exclusion criteria is included if samples were excluded from the analysis.

___ Graphs of quantitative data must be presented in a manner that clearly shows the distribution of data and variation. Graphs should be presented as dot plots, with the average and appropriate error bars indicated; or as box and whisker plots, with values defined in the legend (the bounds of the boxes, the lines within the boxes, the whiskers, and any outlying values). Presenting data as columns with error bars (dynamite plunger plots) is not permitted.

NA

___ If lanes in a gel or blot image of any kind are spliced together into a composite image, they must be separated by a thin vertical dividing line, and a note must be included in the legend that the lanes were run on the same gel but were noncontiguous. A black dividing line should be used for images with a grey background; a white dividing line should be used for images with a black background.

NA

___ Histological panels and insets: scale bars included in the images are defined in the figure legends, or original magnification is provided in the figure legends.

NA

___ For animal models, the precise genotype, strain, number of backcrosses, sex, and age of animals studied are reported.

NA

___ A description of antibodies utilized is included in Methods, including the source and catalog/clone number for commercial antibodies or a description/reference to a description of the generation of custom antibodies.

NA

___ The source of cell lines utilized is indicated.

NA

___ Large datasets for gene expression microarrays, SNP arrays, and high-throughput sequencing studies are deposited in a public repository. The accession number is provided in the text of the main manuscript. Deposition of other types of large datasets in a public repository is strongly encouraged.

NA

MANUSCRIPT FORMATTING (required components)

X Title: The title should be clear, concise, descriptive, and limited to 10 words, including conjunctions. No subtitles, colons, periods, or nonstandard abbreviations.

I am unable to reduce it past 12 words.

X Authors: full names of all authors are provided in the appropriate order.

X Affiliations: numbered consecutively according to the order in which authors are listed; include complete locations (city, state, country).

X Conflict of interest statement: declare all author conflicts per the conflict-of-interest policy (https://insight.jci.org/kiosks/authors#Editorial_Policies). If no conflict exists, state the following: "The authors have declared that no conflict of interest exists."

X Full mailing address along with telephone and e-mail address of each corresponding author is provided.

MANUSCRIPT TEXT AND REFERENCES

X Text is organized in the following consecutive sections: Abstract, Introduction, Results, Discussion, Methods, Acknowledgments, References, Figure legends, Tables. The recommended text length is 9000 words; text cannot exceed 12000 words, including figure legends, tables, and references.

X Abstract does not exceed 250 words and does not contain primary data or reference citations.

X All nonstandard abbreviations (i.e., abbreviations that do not appear in the Standard abbreviations list; <https://insight.jci.org/kiosks/publish/abbreviations>) are defined at first use in the abstract and again at first use in the text.

__ All gene symbols are consistent with Entrez Gene nomenclature, are italicized, and are capitalized according to biological species. See Gene Nomenclature and Style for details: <https://insight.jci.org/kiosks/publish/genestyle>

NA

X A section at the end of Methods titled "Statistics" summarizes methods of statistical analysis, including the P value that was considered significant.

X A brief paragraph following the statistics section titled "Study approval" provides, as appropriate, statements indicating approval of animal and/or human studies, with the official name and location of the relevant review board(s) specified; for human studies, a statement indicating receipt of written informed consent from participants or their guardians is included. For manuscripts that include patient photographs, a separate statement must be included that written informed consent was provided for pictures appearing in the manuscript.

X A paragraph following Methods titled "Author contributions" specifies how each author (identified by initials) contributed to the manuscript. Examples include designing research studies, conducting experiments, acquiring data, analyzing data, providing reagents, and writing the manuscript. Multiple contributions may be listed for a single individual, and more than one individual may be associated with a single contribution.

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Figures and tables are cited in numerical order; the words "Figure" and "Table" are spelled out.

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Terms such as *in vivo*, *in vitro*, etc., are not italicized.

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Figure parts are labeled with capital letters: A, B, C, etc. Subparts within figures (e.g., Figure 1B cannot have parts I and II) are not permitted.

Figure legends do not exceed 400 words.

Usage of terms within the figure legends is consistent with that in the figures themselves; the use of abbreviations is consistent throughout the figures and legends.

Authors may submit a graphical abstract, a single image that visually represents the primary findings of an article, allowing readers to easily identify the article's essential message. For information, see <https://jci.org/kiosk/publish/graphical>.

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Tables are included with the submitted Word document and presented in Microsoft Word's table format (i.e., not pasted as an image from another application).

Column headings in tables apply to all values throughout the column; a new row of column headings may not be used midway through a table.

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and provide the name, e-mail address, and phone number of a substitute authorized to complete the proof, sign off on any changes, and approve author fees.

2. Submit proof responses and corrections in the form of a typewritten, point-by-point list or using the comments function in Adobe Acrobat. Handwritten comments on proof pages are not acceptable, and failure to provide a list could delay the manuscript's publication.