

ICMJE Form for Disclosure of Potential Conflicts of Interest

Instructions

The purpose of this form is to provide readers of your manuscript with information about your other interests that could influence how they receive and understand your work. The form is designed to be completed electronically and stored electronically. It contains programming that allows appropriate data display. Each author should submit a separate form and is responsible for the accuracy and completeness of the submitted information. The form is in six parts.

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".

3. Relevant financial activities outside the submitted work.

This section asks about your financial relationships with entities in the bio-medical arena that could be perceived to influence, or that give the appearance of potentially influencing, what you wrote in the submitted work. You should disclose interactions with ANY entity that could be considered broadly relevant to the work. For example, if your article is about testing an epidermal growth factor receptor (EGFR) antagonist in lung cancer, you should report all associations with entities pursuing diagnostic or therapeutic strategies in cancer in general, not just in the area of EGFR or lung cancer.

Report all sources of revenue paid (or promised to be paid) directly to you or your institution on your behalf over the 36 months prior to submission of the work. This should include all monies from sources with relevance to the submitted work, not just monies from the entity that sponsored the research. Please note that your interactions with the work's sponsor that are outside the submitted work should also be listed here. If there is any question, it is usually better to disclose a relationship than not to do so.

For grants you have received for work outside the submitted work, you should disclose support ONLY from entities that could be perceived to be affected financially by the published work, such as drug companies, or foundations supported by entities that could be perceived to have a financial stake in the outcome. Public funding sources, such as government agencies, charitable foundations or academic institutions, need not be disclosed. For example, if a government agency sponsored a study in which you have been involved and drugs were provided by a pharmaceutical company, you need only list the pharmaceutical company.

4. Intellectual Property.

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

5. Relationships not covered above.

Use this section to report other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work.

Definitions.

Entity: government agency, foundation, commercial sponsor, academic institution, etc.

Grant: A grant from an entity, generally [but not always] paid to your organization

Personal Fees: Monies paid to you for services rendered, generally honoraria, royalties, or fees for consulting, lectures, speakers bureaus, expert testimony, employment, or other affiliations

Non-Financial Support: Examples include drugs/equipment supplied by the entity, travel paid by the entity, writing assistance, administrative support, etc.

Other: Anything not covered under the previous three boxes

Pending: The patent has been filed but not issued

Issued: The patent has been issued by the agency

Licensed: The patent has been licensed to an entity, whether earning royalties or not

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)
Robert

2. Surname (Last Name)
Koeth

3. Date
23-October-2018

4. Are you the corresponding author?

☐ Yes

☒ No

Corresponding Author's Name
Dr. Stanley Hazen

5. Manuscript Title

L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans

6. Manuscript Identifying Number (if you know it)

94601-JCI-RG-RV-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

Section 3. Relevant financial activities outside the submitted work.

Place a check in the appropriate boxes in the table to indicate whether you have financial relationships (regardless of amount of compensation) with entities as described in the instructions. Use one line for each entity; add as many lines as you need by clicking the "Add +" box. You should report relationships that were **present during the 36 months prior to publication**.

Are there any relevant conflicts of interest?

☐ Yes

☒ No

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 5. Relationships not covered above

Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

- ☐ Yes, the following relationships/conditions/circumstances are present (explain below):
- ☒ No other relationships/conditions/circumstances that present a potential conflict of interest

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Section 6. Disclosure Statement

Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.

Dr. Koeth has nothing to disclose.

Evaluation and Feedback

Please visit <http://www.icmje.org/cgi-bin/feedback> to provide feedback on your experience with completing this form.

ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Betzabe
2. Surname (Last Name)
Galvez
3. Date
24-August-2018
4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen
5. Manuscript Title
Chronic L-Carnitine Ingestion in an Omnivorous Diet Induces a Gut Microbial Atherogenic Pathway in Humans
6. Manuscript Identifying Number (if you know it)

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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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
The Procter & Gamble Company	☐	☐	☐	☐	I am an employee of the Procter & Gamble company

Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents, whether planned, pending or issued, broadly relevant to the work? ☒ 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.

ICMJE Form for Disclosure of Potential Conflicts of Interest

Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments
	☐	☐	☐	☐		Patents in preparation or planned

Section 5. Relationships not covered above

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Section 6. Disclosure Statement

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Ms. Galvez is an employee of The Procter & Gamble Company. In addition, Ms. Galvez has patents relevant to this work.

Evaluation and Feedback

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Jennifer

2. Surname (Last Name)
Kirsop

3. Date
23-October-2018

4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen, MD PhD

5. Manuscript Title
L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans

6. Manuscript Identifying Number (if you know it)
94601-JCI-RG-RV-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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Are there any relevant conflicts of interest? ☐ Yes ☒ No

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Section 6. Disclosure Statement

Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.

Dr. Kirsop has nothing to disclose.

Evaluation and Feedback

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Zeneng

2. Surname (Last Name)
Wang

3. Date
23-October-2018

4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen

5. Manuscript Title
L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans

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.

Name of Entity	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments
NIH RO1 HL130819	☒	☐	☐	☐	

Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents, whether planned, pending or issued, broadly relevant to the work? ☒ 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.

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Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments
TRIMETHYLAMINE COMPOUNDS AS RISK PREDICTORS OF CARDIOVASCULAR DISEASE	☒	☐	☐	☐		
TREATMENT AND PREVENTION OF CARDIOVASCULAR DISEASE AND THROMBOSIS	☐	☒	☒	☐		Procter & Gamble
TRIMETHYLAMINE-CONTAINING COMPOUNDS FOR DIAGNOSIS AND PREDICTION OF DISEASE	☐	☒	☐	☒		Cleveland Heart Lab, Quest Diagnostics

Section 5. Relationships not covered above

Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

- ☐ Yes, the following relationships/conditions/circumstances are present (explain below):
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Section 6. Disclosure Statement

Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.

Dr. Wang reports grants from NIH RO1 HL130819, outside the submitted work; In addition, Dr. Wang has a patent TRIMETHYLAMINE COMPOUNDS AS RISK PREDICTORS OF CARDIOVASCULAR DISEASE pending, a patent TREATMENT AND PREVENTION OF CARDIOVASCULAR DISEASE AND THROMBOSIS licensed, and a patent TRIMETHYLAMINE-CONTAINING COMPOUNDS FOR DIAGNOSIS AND PREDICTION OF DISEASE with royalties paid.

ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Bruce
2. Surname (Last Name)
Levison
3. Date
23-October-2018
4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen, M.D., Ph.D.
5. Manuscript Title
L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans
6. Manuscript Identifying Number (if you know it)
94601-JCI-RG-RV-2

Section 2. The Work Under Consideration for Publication

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Are there any relevant conflicts of interest? ☐ Yes ☒ No

Section 3. Relevant financial activities outside the submitted work.

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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
Cleveland Heart Lab	☐	☒	☐	☐	Royalty payments for inventions or discoveries related to cardiovascular diagnostics or therapeutics
Proctor & Gamble	☐	☒	☐	☐	Royalty payments for inventions or discoveries related to cardiovascular diagnostics or therapeutics

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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

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.

Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments
9,423,405 Trimethylamine compounds as risk predictors of cardiovascular disease	☐	☒	☒	☒	The Cleveland Clinic	Patent held by the Cleveland Clinic
9,168,233 Treatment and prevention of cardiovascular disease and thrombosis	☐	☒	☒	☒	The Cleveland Clinic	Patent held by the Cleveland Clinic

Section 5. Relationships not covered above

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Section 6. Disclosure Statement

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Dr. Levison reports personal fees from Cleveland Heart Lab, personal fees from Proctor & Gamble, outside the submitted work; In addition, Dr. Levison has a patent 9,423,405 Trimethylamine compounds as risk predictors of cardiovascular disease with royalties paid to The Cleveland Clinic, and a patent 9,168,233 Treatment and prevention of cardiovascular disease and thrombosis with royalties paid to The Cleveland Clinic.

ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Xiaodong
2. Surname (Last Name)
Gu
3. Date
23-October-2018
4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen
5. Manuscript Title
L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans
6. Manuscript Identifying Number (if you know it)
94601-JCI-RG-RV-2

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Are there any relevant conflicts of interest? ☐ Yes ☒ No

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Are there any relevant conflicts of interest? ☐ Yes ☒ No

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Section 6. Disclosure Statement

Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.

Dr. Gu has nothing to disclose.

Evaluation and Feedback

Please visit <http://www.icmje.org/cgi-bin/feedback> to provide feedback on your experience with completing this form.

ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Matthew
2. Surname (Last Name)
Copeland
3. Date
26-August-2018
4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen
5. Manuscript Title
Chronic L-Carnitine Ingestion in an Omnivorous Diet Induces a Gut Microbial Atherogenic Pathway in Humans
6. Manuscript Identifying Number (if you know it)

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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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
The Procter & Gamble Company	☐	☐	☐	☐	I am an employee of the Procter & Gamble company

Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents, whether planned, pending or issued, broadly relevant to the work? ☒ 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.

ICMJE Form for Disclosure of Potential Conflicts of Interest

Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments
	☐	☐	☐	☐		Patents in preparation or planned

Section 5. Relationships not covered above

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Section 6. Disclosure Statement

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Dr. Copeland is an employee of The Procter & Gamble Company.

Evaluation and Feedback

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)

David

2. Surname (Last Name)

Bartlett

3. Date

23-October-2018

4. Are you the corresponding author?

☐ Yes

☒ No

Corresponding Author's Name

Stanley L. Hazen

5. Manuscript Title

L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans

6. Manuscript Identifying Number (if you know it)

94601-JCI-RG-RV-2

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Are there any relevant conflicts of interest?

☐ Yes

☒ No

Section 3. Relevant financial activities outside the submitted work.

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Are there any relevant conflicts of interest?

☐ Yes

☒ No

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Dr. Bartlett has nothing to disclose.

Evaluation and Feedback

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) 2. Surname (Last Name) 3. Date
 David Cody 24-August-2018
4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen
5. Manuscript Title
 Chronic L-Carnitine Ingestion in an Omnivorous Diet Induces a Gut Microbial Atherogenic Pathway in Humans
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Name of Entity	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments
The Procter & Gamble Company	☐	☐	☐	☐	I am an employee of the Procter & Gamble company

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Section 6. Disclosure Statement

Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.

Mr. Cody is an employee of The Procter & Gamble Company. In addition, Mr. Cody has patents relevant to this work.

Evaluation and Feedback

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Section 1. Identifying Information

1. Given Name (First Name)
Hong
2. Surname (Last Name)
Dai
3. Date
24-August-2018
4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen
5. Manuscript Title
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Are there any relevant conflicts of interest? ☐ Yes ☒ No

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Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments
	☐	☐	☐	☐		Patents in preparation or planned

Section 5. Relationships not covered above

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- ☒ No other relationships/conditions/circumstances that present a potential conflict of interest

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Section 6. Disclosure Statement

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Ms. Dai is an employee of The Procter & Gamble Company. In addition, Ms. Dai has patents relevant to this work.

Evaluation and Feedback

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Miranda

2. Surname (Last Name)
Culley

3. Date
23-October-2018

4. Are you the corresponding author?

☐ Yes ☒ No

Corresponding Author's Name
Stanley L. Hazen

5. Manuscript Title

L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans

6. Manuscript Identifying Number (if you know it)

94601-JCI-RG-RV-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

Section 3. Relevant financial activities outside the submitted work.

Place a check in the appropriate boxes in the table to indicate whether you have financial relationships (regardless of amount of compensation) with entities as described in the instructions. Use one line for each entity; add as many lines as you need by clicking the "Add +" box. You should report relationships that were **present during the 36 months prior to publication**.

Are there any relevant conflicts of interest? ☐ Yes ☒ No

Section 4. Intellectual Property -- Patents & Copyrights

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

ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 5. Relationships not covered above

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Section 6. Disclosure Statement

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Dr. Culley 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)
Xinmin

2. Surname (Last Name)
Li

3. Date
23-October-2018

4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen

5. Manuscript Title
L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans

6. Manuscript Identifying Number (if you know it)
94601-JCI-RG-RV-2

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Are there any relevant conflicts of interest? ☐ Yes ☒ No

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Are there any relevant conflicts of interest? ☐ Yes ☒ No

Section 4. Intellectual Property -- Patents & Copyrights

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Dr. Li has nothing to disclose.

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Section 1. Identifying Information

1. Given Name (First Name)
Xiaoming

2. Surname (Last Name)
Fu

3. Date
23-October-2018

4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen

5. Manuscript Title
L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans

6. Manuscript Identifying Number (if you know it)
94601-JCI-RG-RV-2

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Are there any relevant conflicts of interest? ☐ Yes ☒ No

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Are there any relevant conflicts of interest? ☐ Yes ☒ No

Section 4. Intellectual Property -- Patents & Copyrights

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Dr. Fu has nothing to disclose.

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Section 1. Identifying Information

1. Given Name (First Name)
Yuping

2. Surname (Last Name)
Wu

3. Date
24-August-2018

4. Are you the corresponding author?

☐ Yes

☒ No

Corresponding Author's Name
Stanley L. Hazen

5. Manuscript Title

L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans

6. Manuscript Identifying Number (if you know it)

94601-JCI-RG-RV-2

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Are there any relevant conflicts of interest?

☐ Yes

☒ No

Section 3. Relevant financial activities outside the submitted work.

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Are there any relevant conflicts of interest?

☐ Yes

☒ No

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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Dr. Wu 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)
Lin
2. Surname (Last Name)
Li
3. Date
23-October-2018
4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen
5. Manuscript Title
L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans
6. Manuscript Identifying Number (if you know it)
94601-JCI-RG-RV-2

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Are there any relevant conflicts of interest? ☐ Yes ☒ No

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Joseph

2. Surname (Last Name)
DiDonato

3. Date
23-October-2018

4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen

5. Manuscript Title
L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans

6. Manuscript Identifying Number (if you know it)
94601-JCI-RG-RV-2

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Are there any relevant conflicts of interest? ☐ Yes ☒ No

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Are there any relevant conflicts of interest? ☐ Yes ☒ No

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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Dr. DiDonato has nothing to disclose.

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Section 1. Identifying Information

1. Given Name (First Name)
W. H. Wilson
2. Surname (Last Name)
Tang
3. Date
23-October-2018
4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen, MD PhD
5. Manuscript Title
L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans
6. Manuscript Identifying Number (if you know it)
94601-JCI-RG-RV-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	☒	☐	☐	☐	

Section 3. Relevant financial activities outside the submitted work.

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Are there any relevant conflicts of interest? ☒ Yes ☐ No

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Name of Entity	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments
National Institutes of Health	☒	☐	☐	☐	
The Advisory Board Company	☐	☒	☐	☐	Consulting
Springer Health, Inc	☐	☒	☐	☐	Journal Section Editor

ICMJE Form for Disclosure of Potential Conflicts of Interest

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. Tang reports grants from National Institutes of Health, during the conduct of the study; grants from National Institutes of Health, personal fees from The Advisory Board Company, personal fees from Springer Health, Inc, outside the submitted work; .Dr. Tang reports grants from National Institutes of Health, during the conduct of the study; grants from National Institutes of Health, personal fees from The Advisory Board Company, personal fees from Springer Health, Inc, outside the submitted work; .

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Jose Carlos
2. Surname (Last Name)
Garcia-Garcia
3. Date
28-August-2018
4. Are you the corresponding author? ☐ Yes ☒ No Corresponding Author's Name
Stanley L. Hazen
5. Manuscript Title
Chronic L-Carnitine Ingestion in an Omnivorous Diet Induces a Gut Microbial Atherogenic Pathway in Humans
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.

Name of Entity	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments
The Procter & Gamble Company	☐	☐	☐	☐	I am an employee of the Procter & Gamble company

Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents, whether planned, pending or issued, broadly relevant to the work? ☒ 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.

ICMJE Form for Disclosure of Potential Conflicts of Interest

Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments
	☐	☐	☐	☐		Patents in preparation or planned

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Dr. Garcia-Garcia is an employee of The Procter & Gamble Company. In addition, Dr. Garcia-Garcia has patents relevant to this work.

Evaluation and Feedback

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Stanley
2. Surname (Last Name)
Hazen
3. Date
23-October-2018
4. Are you the corresponding author? ☒ Yes ☐ No
5. Manuscript Title
L-carnitine in omnivorous diets induces an atherogenic gut microbial pathway in humans
6. Manuscript Identifying Number (if you know it)
94601-JCI-RG-RV-2

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Name of Institution/Company	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments
National Institutes of Health	☒	☐	☐	☐	Dr. Hazen has been awarded several NIH funded grants.
Transatlantic Foundation Leducq Network	☒	☐	☐	☐	

Section 3. Relevant financial activities outside the submitted work.

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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
Procter & Gamble	☒	☒	☐	☐	Research Grants, Paid Consultant
Astra Zeneca	☒	☐	☐	☐	Sponsored Research Grant

ICMJE Form for Disclosure of Potential Conflicts of Interest

Name of Entity	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments
Pfizer, Inc.	☒	☐	☐	☐	Sponsored Research Grant
Roche Diagnostics	☒	☐	☐	☐	Sponsored Research Grant

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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Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments
Pending & Issued Patents held by CCF	☒	☒	☐	☐		
Cleveland Heart Lab, Inc.	☐	☐	☐	☒		
Quest Diagnostics	☐	☐	☐	☒		

Section 5. Relationships not covered above

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Dr. Hazen reports grants from National Institutes of Health, grants from Transatlantic Foundation Leducq Network, during the conduct of the study; grants and personal fees from Procter & Gamble, grants from Astra Zeneca, grants from Pfizer, Inc., grants from Roche Diagnostics, outside the submitted work; In addition, Dr. Hazen has a patent Pending & Issued Patents held by CCF issued, a patent Cleveland Heart Lab, Inc. with royalties paid, and a patent Quest Diagnostics with royalties paid.

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