

## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Instructions

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#### 4. Intellectual Property.

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

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### Section 1. Identifying Information

1. Given Name (First Name)  
Kazuya

2. Surname (Last Name)  
Miyagawa

3. Date  
08-July-2018

4. Are you the corresponding author?  Yes  No  
Corresponding Author's Name  
Spiekerkoetter, Edda

5. Manuscript Title  
Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension

6. Manuscript Identifying Number (if you know it)  
Blue-201712-2553OC.R2

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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
Japan Heart Foundation / Bayer Yakuhin Research Grant Abroad	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
The Uehara Memorial Foundation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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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

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

Dr. Miyagawa reports grants from Japan Heart Foundation / Bayer Yakuin Research Grant Abroad, grants from The Uehara Memorial Foundation, during the conduct of the study; .

### 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)

LISA

2. Surname (Last Name)

WHEELER

3. Date

JULY 19, 2018

4. Are you the corresponding author?

Yes

No

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Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension

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HAVE LATEST VERSION OF ADOBE INSTALLED  
WOULD NOT OPEN. IF SCANNED COPY NOT  
ACCEPTABLE PLEASE SEND ANOTHER LINK  
TO LISA.WHEELER2@GMAIL.COM  
THANK YOU

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### Section 1. Identifying Information

1. Given Name (First Name) Kay	2. Surname (Last Name) Huebner	3. Date 11-July-2018
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Edda Spiekerkoetter
5. Manuscript Title Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension		
6. Manuscript Identifying Number (if you know it) 201712-2553OC.R2		

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1. Given Name (First Name)

Ross

2. Surname (Last Name)

Metzger

3. Date

08-July-2018

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 Yes No

Corresponding Author's Name

Edda Spiekerkoetter

5. Manuscript Title

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### Section 1. Identifying Information

1. Given Name (First Name)  
Deepti

2. Surname (Last Name)  
Sudheendra

3. Date  
10-July-2018

4. Are you the corresponding author?  Yes  No

5. Manuscript Title  
Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension

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1. Given Name (First Name)

Joshua

2. Surname (Last Name)

Saldivar

3. Date

09-July-2018

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Edda Spiekerkoetter

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- Yes, the following relationships/conditions/circumstances are present (explain below):
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Dr. Saldivar has nothing to disclose.

### Evaluation and Feedback

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## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Instructions

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#### 2. The work under consideration for publication.

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#### 4. Intellectual Property.

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

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**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)  
Svenja

2. Surname (Last Name)  
Dannewitz Prosseda

3. Date  
10-July-2018

4. Are you the corresponding author?  Yes  No  
Corresponding Author's Name  
Edda Spiekerkoetter

5. Manuscript Title  
Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension

6. Manuscript Identifying Number (if you know it)  
Blue-201712-2553OC.R2

### 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

### 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
PCT/US2018/033533	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Denovo Biopharma LLC	License number S17-202

## ICMJE Form for Disclosure of Potential Conflicts of Interest

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Dr. Dannewitz Prosseda reports In addition, Dr. Dannewitz Prosseda has a patent PCT/US2018/033533 licensed to Denovo Biopharma LLC.

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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)  
Edda

2. Surname (Last Name)  
Spiekerkoetter

3. Date  
18-December-2017

4. Are you the corresponding author?  Yes  No

5. Manuscript Title  
Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension

6. Manuscript Identifying Number (if you know it)

### 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

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 Heart Lung and Blood Institute	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	K08HL107450-01, R01 HL128734-01A1
Pulmonary Hypertension Association (PHA)/ American Heart Association (AHA)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	supplemental K08 award 2011

### 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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## ICMJE Form for Disclosure of Potential Conflicts of Interest

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Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments
S17-202/USSN 62/508,881	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stanford University	

### Section 5. Relationships not covered above

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Dr. Spiekerkoetter reports grants from National Heart Lung and Blood Institute, grants from Pulmonary Hypertension Association (PHA)/ American Heart Association (AHA), during the conduct of the study; In addition, Dr. Spiekerkoetter has a patent S17-202/USSN 62/508,881 pending to Stanford University.

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## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Section 1. Identifying Information

1. Given Name (First Name)  
Mario

2. Surname (Last Name)  
Boehm

3. Date  
09-July-2018

4. Are you the corresponding author?

Yes  No

Corresponding Author's Name  
Edda Spiekerkoetter

5. Manuscript Title

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Blue-201712-2553OC.R2

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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)  
Solow-Cordero

3. Date  
09-July-2018

4. Are you the corresponding author?  Yes  No  
Corresponding Author's Name  
Edda Spiekerkoetter

5. Manuscript Title  
Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension

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Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments
9,474,745 Use of FK506 for the Treatment of Pulmonary Arterial Hypertension	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Vivus, Inc.	

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Dr. Solow-Cordero reports In addition, Dr. Solow-Cordero has a patent 9,474,745 Use of FK506 for the Treatment of Pulmonary Arterial Hypertension with royalties paid to Vivus, Inc..

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## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Section 1. Identifying Information

1. Given Name (First Name)

Fan

2. Surname (Last Name)

Zhang

3. Date

09-July-2018

4. Are you the corresponding author?

 Yes No

Corresponding Author's Name

Edda Spiekerkoetter

5. Manuscript Title

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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

## ICMJE Form for Disclosure of Potential Conflicts of Interest

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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

At the time of manuscript acceptance, journals will ask authors to confirm and, if necessary, update their disclosure statements. On occasion, journals may ask authors to disclose further information about reported relationships.

### Section 6. Disclosure Statement

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### Evaluation and Feedback

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## ICMJE Form for Disclosure of Potential Conflicts of Interest

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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".

#### 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.

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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.

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**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

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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) Michele      2. Surname (Last Name) Donato      3. Date 15-October-2018

4. Are you the corresponding author?     Yes     No      Corresponding Author's Name  
Edda Spiekerkoetter

5. Manuscript Title  
Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension

6. Manuscript Identifying Number (if you know it)  
Blue-201712-2553OC

### 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

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
NIH	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

### 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

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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. Donato reports grants from NIH, during the conduct of the study.

### Evaluation and Feedback

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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) Lingli	2. Surname (Last Name) Wang	3. Date 14-October-2018
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Edda Spiekerkoetter
5. Manuscript Title Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension		
6. Manuscript Identifying Number (if you know it) Blue-201712-2553OC		

### 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.

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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

## ICMJE Form for Disclosure of Potential Conflicts of Interest

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### Section 5. Relationships not covered above

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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 has nothing to disclose.

### Evaluation and Feedback

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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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**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) Eric	2. Surname (Last Name) Austin	3. Date 22-October-2018
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Edda Spiekerkoetter, MD
5. Manuscript Title Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension		
6. Manuscript Identifying Number (if you know it) Blue-201712-2553OC		

### 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

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. Austin 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.

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#### 4. Intellectual Property.

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

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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)  
Kazuya

2. Surname (Last Name)  
Kuramoto

3. Date  
13-October-2018

4. Are you the corresponding author?  Yes  No  
Corresponding Author's Name  
Edda Spiekerkoetter

5. Manuscript Title  
Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension

6. Manuscript Identifying Number (if you know it)  
Blue-201712-2553OC

### 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.

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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
Nippon-Shinyaku Co. Ltd.,	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Employer

### 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

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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?

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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. Kuramoto reports other from Nippon-Shinyaku Co. Ltd., outside the submitted 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) Xuefei	2. Surname (Last Name) Tian	3. Date 12-October-2018
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Edda Spiekerkoetter
5. Manuscript Title Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension		
6. Manuscript Identifying Number (if you know it) Blue-201712-2553OC		

### 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.

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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

## ICMJE Form for Disclosure of Potential Conflicts of Interest

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Dr. Tian has nothing to disclose.

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#### 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.

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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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**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)  
Lingli

2. Surname (Last Name)  
Wang

3. Date  
14-October-2018

4. Are you the corresponding author?

Yes  No

Corresponding Author's Name  
Edda Spiekerkoetter

5. Manuscript Title  
Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension

6. Manuscript Identifying Number (if you know it)  
Blue-201712-2553OC

### 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.

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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

## ICMJE Form for Disclosure of Potential Conflicts 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. Wang 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.

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## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Section 1. Identifying Information

1. Given Name (First Name) Purvesh      2. Surname (Last Name) Khatri      3. Date 13-October-2018

4. Are you the corresponding author?     Yes     No      Corresponding Author's Name  
Edda Spiekerkoetter

5. Manuscript Title  
Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension

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
National Institutes of Health	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R01 funding for the work reported in this manuscript.

### 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
Inflammatix, Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Co-founder; Inflammatix commercializes tests for infectious diseases

## ICMJE Form for Disclosure of Potential Conflicts of Interest

Name of Entity	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments
Vir Bio	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Funding for developing methods for identifying drug targets and drug repurposing

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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
ENZASTAURIN AND FRAGILE HISTIDINE TRIAD (FHIT)-INCREASING AGENTS FOR THE TREATMENT OF PULMONARY HYPERTENSION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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Dr. Khatri reports grants from National Institutes of Health, during the conduct of the study; other from Inflammatrix, Inc., grants and other from Vir Bio, outside the submitted work; In addition, Dr. Khatri has a patent ENZASTAURIN AND FRAGILE HISTIDINE TRIAD (FHIT)-INCREASING AGENTS FOR THE TREATMENT OF PULMONARY HYPERTENSION pending.

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## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Section 1. Identifying Information

1. Given Name (First Name)  
James

2. Surname (Last Name)  
Loyd

3. Date  
09-July-2018

4. Are you the corresponding author?  Yes  No Corresponding Author's Name

5. Manuscript Title  
Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension

6. Manuscript Identifying Number (if you know it)  
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