

## 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.

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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.

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.

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**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

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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)  
John

2. Surname (Last Name)  
Thompson

3. Date  
11-June-2017

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

5. Manuscript Title  
In vivo bioluminescence imaging in a rabbit model of orthopedic implant-associated infection to monitor efficacy of an antibiotic-releasing coating

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 Institute of Arthritis, Musculoskeletal and Skin Diseases of the U.S. National Institutes of Health	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Grant number: T32 AR07708-01

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

Dr. Thompson reports grants from National Institute of Arthritis, Musculoskeletal and Skin Diseases of the U.S. National Institutes of Health, during the conduct of the study; .

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## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Section 1. Identifying Information

1. Given Name (First Name) Bret	2. Surname (Last Name) Pinsker	3. Date 11-June-2017
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Lloyd Miller
5. Manuscript Title In vivo bioluminescence imaging in a rabbit model of orthopedic implant-associated infection to monitor efficacy of an antibiotic-releasing coating		
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

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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 5. Relationships not covered above

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Dr. Pinsker has nothing to disclose.

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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) Hai-Quan	2. Surname (Last Name) Mao	3. Date 11-June-2018
4. Are you the corresponding author? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Corresponding Author's Name Lloyd Miller
5. Manuscript Title In vivo bioluminescence imaging in a rabbit model of orthopedic implant-associated infection to monitor efficacy of an antibiotic-releasing coating		
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

### 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



## ICMJE Form for Disclosure of Potential Conflicts of Interest

Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments
Compositions and Methods for Preparation of Composite Polymer Coatings on Medical Implants, and Their Use for Co-delivery of Multiple Antimicrobial Agents (WO2017139301A1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

### 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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Dr. Mao reports In addition, Dr. Mao has a patent Compositions and Methods for Preparation of Composite Polymer Coatings on Medical Implants, and Their Use for Co-delivery of Multiple Antimicrobial Agents (WO2017139301A1) pending.

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## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Section 1. Identifying Information

1. Given Name (First Name)

Isabelle

2. Surname (Last Name)

Brown

3. Date

11-June-2017

4. Are you the corresponding author?

Yes  No

Corresponding Author's Name

Lloyd Miller

5. Manuscript Title

In vivo bioluminescence imaging in a rabbit model of orthopedic implant-associated infection to monitor efficacy of an antibiotic-releasing coating

6. Manuscript Identifying Number (if you know it)

### Section 2. The Work Under Consideration for Publication

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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 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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Dr. Brown 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) Jesse	2. Surname (Last Name) Zheng	3. Date 11-June-2018
4. Are you the corresponding author? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Corresponding Author's Name Lloyd Miller
5. Manuscript Title In vivo bioluminescence imaging in a rabbit model of orthopedic implant-associated infection to monitor efficacy of an antibiotic-releasing coating		
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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

**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)  
Lloyd

2. Surname (Last Name)  
Miller

3. Date  
29-March-2018

4. Are you the corresponding author?  Yes  No

5. Manuscript Title  
In vivo bioluminescence imaging in a rabbit model of orthopedic implant-associated infection to monitor efficacy of an antibiotic-releasing coating

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

### 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

If yes, please fill out the appropriate information below.

Name of Entity	Grant?	Personal Fees?	Non-Financial Support?	Other?	Comments
MedImmune	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pfizer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Noveome Biotherapeutics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Moderna Therapeutics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Regeneron Pharmaceuticals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Integrated BioTherapeutics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Boehringer Ingelheim	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## 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

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
Compositions and Methods for Preparation of Composite Polymer Coatings on Medical Implants, and Their Use for Co-delivery of Multiple Antimicrobial Agents (WO2017139301A1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

### 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. Miller reports grants and personal fees from MedImmune, grants from Pfizer, personal fees from Noveome Biotherapeutics, grants from Moderna Therapeutics, grants from Regeneron Pharmaceuticals, personal fees from Integrated BioTherapeutics, grants from Boehringer Ingelheim, outside the submitted work; In addition, Dr. Miller has a patent Compositions and Methods for Preparation of Composite Polymer Coatings on Medical Implants, and Their Use for Co-delivery of Multiple Antimicrobial Agents (WO2017139301A1) - pending pending. Dr. Miller reports grants and personal fees from MedImmune, grants from Pfizer, personal fees from Noveome Biotherapeutics, grants from Moderna Therapeutics, grants from Regeneron Pharmaceuticals, personal fees from Integrated BioTherapeutics, grants from Boehringer Ingelheim, outside the submitted work; In addition, Dr. Miller has a patent Compositions and Methods for Preparation of Composite Polymer Coatings on Medical Implants, and Their Use for Co-delivery of Multiple Antimicrobial Agents (WO2017139301A1) pending.

## ICMJE Form for Disclosure of Potential Conflicts of Interest

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### 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)  
Mark

2. Surname (Last Name)  
Marchitto

3. Date  
11-June-2017

4. Are you the corresponding author?

Yes  No

Corresponding Author's Name  
Lloyd Miller

5. Manuscript Title

In vivo bioluminescence imaging in a rabbit model of orthopedic implant-associated infection to monitor efficacy of an antibiotic-releasing coating

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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### Section 4. Intellectual Property -- Patents & Copyrights

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Dr. Marchitto 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) Nate	2. Surname (Last Name) Archer	3. Date 11-June-2017
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Lloyd Miller
5. Manuscript Title In vivo bioluminescence imaging in a rabbit model of orthopedic implant-associated infection to monitor efficacy of an antibiotic-releasing coating		
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

### 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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Dr. Archer 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)  
Robert

2. Surname (Last Name)  
Miller

3. Date  
11-June-2018

4. Are you the corresponding author?

Yes  No

Corresponding Author's Name  
Lloyd Miller

5. Manuscript Title

In vivo bioluminescence imaging in a rabbit model of orthopedic implant-associated infection to monitor efficacy of an antibiotic-releasing coating

6. Manuscript Identifying Number (if you know it)

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### Section 4. Intellectual Property -- Patents & Copyrights

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## ICMJE Form for Disclosure of Potential Conflicts of Interest

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Dr. Miller has nothing to disclose.

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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) Robert	2. Surname (Last Name) Sterling	3. Date 11-June-2018
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Lloyd Miller
5. Manuscript Title In vivo bioluminescence imaging in a rabbit model of orthopedic implant-associated infection to monitor efficacy of an antibiotic-releasing coating		
6. Manuscript Identifying Number (if you know it)		

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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

## ICMJE Form for Disclosure of Potential Conflicts of Interest

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### Section 5. Relationships not covered above

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Dr. Sterling has nothing to disclose.

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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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## ICMJE Form for Disclosure of Potential Conflicts of Interest

### Section 1. Identifying Information

1. Given Name (First Name)  
Roger

2. Surname (Last Name)  
Ortines

3. Date  
11-June-2018

4. Are you the corresponding author?

Yes  No

Corresponding Author's Name  
Lloyd Miller

5. Manuscript Title

In vivo bioluminescence imaging in a rabbit model of orthopedic implant-associated infection to monitor efficacy of an antibiotic-releasing coating

6. Manuscript Identifying Number (if you know it)

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Are there any relevant conflicts of interest?  Yes  No

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Dr. Ortines 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)  
Russell

2. Surname (Last Name)  
Martin

3. Date  
11-June-2018

4. Are you the corresponding author?

Yes  No

Corresponding Author's Name  
Lloyd Miller

5. Manuscript Title

In vivo bioluminescence imaging in a rabbit model of orthopedic implant-associated infection to monitor efficacy of an antibiotic-releasing coating

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Dr. Martin has nothing to disclose.

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Xuesong

2. Surname (Last Name)

JIANG

3. Date

11-June-2018

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Yes  No

Corresponding Author's Name

Lloyd S. Miller

5. Manuscript Title

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1. Given Name (First Name)  
Yu

2. Surname (Last Name)  
Wang

3. Date  
11-June-2018

4. Are you the corresponding author?

 Yes No

Corresponding Author's Name  
Lloyd S. Miller

5. Manuscript Title

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