

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.

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".

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.

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

ony, employment, or other affiliations patent

Chen 1



| Section 1. Identifying Inform | nation | |
|--|--|--|
| 1. Given Name (First Name) Hui | 2. Surname (Last Name) Chen | 3. Date 18-October-2017 |
| 4. Are you the corresponding author? | Yes 🗸 No | Corresponding Author's Name Qingliang Wang |
| 5. Manuscript TitleFractal dimension and size distributioncondition of artificial knee joint simulate6. Manuscript Identifying Number (if you known)AOJ-17-119 | tor | h-molecular-weight polyethylene wear particles in |
| Section 2. The Work Under C | onsideration for Public | ration |
| Did you or your institution at any time rece any aspect of the submitted work (including statistical analysis, etc.)? Are there any relevant conflicts of inter | eive payment or services from g but not limited to grants, da | a third party (government, commercial, private foundation, etc.) for ta monitoring board, study design, manuscript preparation, |
| Section 3. Relevant financial | activities outside the s | ubmitted work. |
| of compensation) with entities as descr | ribed in the instructions. Us port relationships that wer | ether you have financial relationships (regardless of amount e one line for each entity; add as many lines as you need by e present during the 36 months prior to publication . |
| Section 4. Intellectual Prope | rty Patents & Copyrig | ıhts |
| Do you have any patents, whether plan | | |

Chen 2



| Section 5. Relationships not sovered above |
|--|
| 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 |
| Disclosure Statement |
| Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below. |
| Dr. Chen 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.

Chen 3



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.

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".

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.

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

Wang 1



| Section 1. | Identifying Inform | ation | | |
|---|---|--|--|--|
| 1. Given Name (Fi | rst Name) | 2. Surname (Last Name Wang |) | 3. Date 18-October-2017 |
| 4. Are you the cor | e you the corresponding author? Yes No | | | |
| condition of artif | | or | nigh-molecular-weight polyetl | hylene wear particles in |
| Section 2. | The Work Under Co | onsideration for Pub | dication | |
| any aspect of the s statistical analysis, Are there any rel | stitution at any time rece ubmitted work (including | ive payment or services from the payment of services from the payments, and the payments, and the payments, and the payments are services from the payments, and the payments are services from the payment of the payme | om a third party (government, cor data monitoring board, study de | mmercial, private foundation, etc.) for sign, manuscript preparation, |
| Section 3. | Relevant financial | activities outside th | e submitted work. | |
| of compensation clicking the "Add Are there any rel | n) with entities as descri | bed in the instructions. port relationships that v | Use one line for each entity; a vere present during the 36 m | ationships (regardless of amount add as many lines as you need by nonths prior to publication. |
| Section 4. | Intellectual Proper | ty Patents & Copy | rights | |
| Do you have any | patents, whether plan | ned, pending or issued, | broadly relevant to the work? | Yes 🗸 No |

Wang 2



| Section 5. | |
|------------------|---|
| | Relationships not covered above |
| | elationships or activities that readers could perceive to have influenced, or that give the appearance of encing, what you wrote in the submitted work? |
| Yes, the follo | wing relationships/conditions/circumstances are present (explain below): |
| ✓ No other rela | tionships/conditions/circumstances that present a potential conflict of interest |
| | anuscript acceptance, journals will ask authors to confirm and, if necessary, update their disclosure statements rnals may ask authors to disclose further information about reported relationships. |
| Section 6. | Disclosure Statement |
| Based on the abo | ove disclosures, this form will automatically generate a disclosure statement, which will appear in the box |
| Dr. Wang has no | thing to disclose. |

Evaluation and Feedback

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

Wang 3



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.

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.

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

Cui 1



| Section 1. | Identifying Inform | nation | | |
|--|----------------------------|--|--|----|
| 1. Given Name (Fi Wen | rst Name) | 2. Surname (Last Name) Cui | 3. Date 18-October-2017 | |
| 4. Are you the cor | responding author? | Yes ✓ No | Corresponding Author's Name Qingliang Wang | |
| | | _ | h-molecular-weight polyethylene wear particles in | _ |
| 6. Manuscript Ide AOJ-17-119 | ntifying Number (if you kr | now it) | | |
| | ı | | | |
| Section 2. | The Work Under C | onsideration for Public | cation | |
| any aspect of the s statistical analysis, | ubmitted work (including | but not limited to grants, da | a third party (government, commercial, private foundation, etc.) for ita monitoring board, study design, manuscript preparation, | or |
| Section 3. | Relevant financial | activities outside the s | submitted work. | |
| of compensation clicking the "Add | n) with entities as descri | bed in the instructions. Us port relationships that wer | ether you have financial relationships (regardless of amount se one line for each entity; add as many lines as you need by re present during the 36 months prior to publication . | |
| Section 4. | Intellectual Proper | ty Patents & Copyric | ghts | |
| Do you have any | patents, whether plan | ned, pending or issued, br | oadly relevant to the work? Yes V No | |

Cui 2



| Section 5. | |
|------------------|---|
| | Relationships not covered above |
| | elationships or activities that readers could perceive to have influenced, or that give the appearance of encing, what you wrote in the submitted work? |
| Yes, the follo | wing relationships/conditions/circumstances are present (explain below): |
| ✓ No other rela | tionships/conditions/circumstances that present a potential conflict of interest |
| | anuscript acceptance, journals will ask authors to confirm and, if necessary, update their disclosure statements rnals may ask authors to disclose further information about reported relationships. |
| Section 6. | Disclosure Statement |
| Based on the abo | ove disclosures, this form will automatically generate a disclosure statement, which will appear in the box |
| Dr. Cui has noth | ing to disclose. |

Evaluation and Feedback

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

Cui 3



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.

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.

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

Luo 1



| Section 1. | Identifying Inform | nation | | |
|--|----------------------------|--|--|----------------------|
| 1. Given Name (Fi Yong | rst Name) | 2. Surname (Last Name) Luo | 3. Date 18-October | -2017 |
| 4. Are you the cor | responding author? | Yes ✓ No | Corresponding Author's Name Qingliang Wang | |
| | | _ | h-molecular-weight polyethylene wear | particles in |
| 6. Manuscript Ide AOJ-17-119 | ntifying Number (if you kr | now it) | _ | |
| | ı | | | |
| Section 2. | The Work Under Co | onsideration for Public | ation | |
| any aspect of the s statistical analysis, | submitted work (including | but not limited to grants, da | a third party (government, commercial, priva ta monitoring board, study design, manuscr | |
| Section 3. | Relevant financial | activities outside the s | ubmitted work. | |
| of compensation clicking the "Add | n) with entities as descri | bed in the instructions. Us port relationships that wer | ether you have financial relationships (re e one line for each entity; add as many l e present during the 36 months prior | lines as you need by |
| Section 4. | Intellectual Proper | rty Patents & Copyric | hts | |
| Do you have any | patents, whether plan | ned, pending or issued, br | oadly relevant to the work? Yes | ✓ No |

Luo 2



| Section 5. | |
|----------------------------|---|
| | Relationships not covered above |
| | elationships or activities that readers could perceive to have influenced, or that give the appearance of encing, what you wrote in the submitted work? |
| Yes, the follo | wing relationships/conditions/circumstances are present (explain below): |
| ✓ No other rela | tionships/conditions/circumstances that present a potential conflict of interest |
| | anuscript acceptance, journals will ask authors to confirm and, if necessary, update their disclosure statements rnals may ask authors to disclose further information about reported relationships. |
| Section 6. | Disclosure Statement |
| Based on the abo below. | ove disclosures, this form will automatically generate a disclosure statement, which will appear in the box |
| Dr. Luo has noth | ning to disclose. |

Evaluation and Feedback

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

Luo 3