

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.

5. Relationships not covered above.

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Section 1. Identifying Information

1. Given Name (First Name)
Guangyan

2. Surname (Last Name)
Wei

3. Date
20-October-2020

4. Are you the corresponding author? Yes No

Corresponding Author's Name
Yury V Popov, Paolo GV Martini

5. Manuscript Title
Synthetic human ABCB4 mRNA therapy rescues severe liver disease phenotype in a BALB/c.Abc4^{-/-} mouse model of PFIC3

6. Manuscript Identifying Number (if you know it)
JHEPAT-D-20-01280R1

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Section 6. Disclosure Statement

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Dr. Wei has nothing to disclose.

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Jingsong

2. Surname (Last Name)
Cao

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20-October-2020

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Corresponding Author's Name
Yury V Popov, Paolo GV Martini

5. Manuscript Title
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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
Moderna, Inc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dr. Cao is an employee of and receive salary, stock, and stock options from Moderna, Inc.

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Dr. Cao reports other from Moderna, Inc, during the conduct of the study.

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Pinzhu

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Huang

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Corresponding Author's Name
Yury V Popov, Paolo GV Martini

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

Section 1. Identifying Information

1. Given Name (First Name) Kahini	2. Surname (Last Name) Vaid	3. Date 20-October-2020
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Yury V Popov, Paolo GV Martini
5. Manuscript Title Synthetic human ABCB4 mRNA therapy rescues severe liver disease phenotype in a BALB/c.Abc4 ^{-/-} mouse model of PFIC3		
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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) Shuangshuang	2. Surname (Last Name) Zhao	3. Date 20-October-2020
4. Are you the corresponding author?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corresponding Author's Name Yury V Popov, Paolo GV Martini
5. Manuscript Title Synthetic human ABCB4 mRNA therapy rescues severe liver disease phenotype in a BALB/c.Abc4 ^{-/-} mouse model of PFIC3		
6. Manuscript Identifying Number (if you know it) JHEPAT-D-20-01280R1		

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

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. Zhao 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)
David

2. Surname (Last Name)
Wang

3. Date
20-October-2020

4. Are you the corresponding author?

Yes No

Corresponding Author's Name
Yury V Popov, Paolo GV Martini

5. Manuscript Title
Synthetic human ABCB4 mRNA therapy rescues severe liver disease phenotype in a BALB/c.Abc4^{-/-} mouse model of PFIC3

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Dr. Wang 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) Jenny 2. Surname (Last Name) Zhuo 3. Date 20-October-2020

4. Are you the corresponding author? Yes No Corresponding Author's Name
Yury V Popov, Paolo GV Martini

5. Manuscript Title
Synthetic human ABCB4 mRNA therapy rescues severe liver disease phenotype in a BALB/c.Abc4^{-/-} mouse model of PFIC3

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Are there any relevant conflicts of interest? Yes No

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Name of Institution/Company	Grant	Personal Fees	Non-Financial Support	Other	Comments
Moderna, Inc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dr. Zhuo is an employee of and receive salary, stock, and stock options from Moderna, Inc.

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. Zhuo reports other from Moderna, Inc, 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)
Lin

2. Surname (Last Name)
Yin

3. Date
20-October-2020

4. Are you the corresponding author? Yes No
Corresponding Author's Name
Yury V Popov, Paolo GV Martini

5. Manuscript Title
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Name of Institution/Company	Grant	Personal Fees	Non-Financial Support	Other	Comments
Moderna, Inc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dr. Yin is an employee of and receive salary, stock, and stock options from Moderna, Inc.

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) Andrea 2. Surname (Last Name) Frassetto 3. Date 20-October-2020

4. Are you the corresponding author? Yes No Corresponding Author's Name
Yury V Popov, Paolo GV Martini

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

Section 1. Identifying Information

1. Given Name (First Name) Arianna 2. Surname (Last Name) Markel 3. Date 20-October-2020

4. Are you the corresponding author? Yes No Corresponding Author's Name
Yury V Popov, Paolo GV Martini

5. Manuscript Title
Synthetic human ABCB4 mRNA therapy rescues severe liver disease phenotype in a BALB/c.Abc4^{-/-} mouse model of PFIC3

6. Manuscript Identifying Number (if you know it)
JHEPAT-D-20-01280R1

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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
Moderna, Inc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dr. Markel is an employee of and receive salary, stock, and stock options from Moderna, Inc.

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

Section 5. Relationships not covered above

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Dr. Markel reports other from Moderna, Inc, 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) Srujan 2. Surname (Last Name) Gandham 3. Date 20-October-2020

4. Are you the corresponding author? Yes No Corresponding Author's Name
Yury V Popov, Paolo GV Martini

5. Manuscript Title
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Name of Institution/Company	Grant	Personal Fees	Non-Financial Support	Other	Comments
Moderna, Inc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dr. Gandham is an employee of and receive salary, stock, and stock options from Moderna, Inc.

Section 3. Relevant financial activities outside the submitted work.

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Dr. Gandham 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) Serenus 2. Surname (Last Name) Hua 3. Date 20-October-2020

4. Are you the corresponding author? Yes No Corresponding Author's Name
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5. Manuscript Title
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Name of Institution/Company	Grant	Personal Fees	Non-Financial Support	Other	Comments
Moderna, Inc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dr. Hua is an employee of and receive salary, stock, and stock options from Moderna, Inc.

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) Christine 2. Surname (Last Name) Lukacs 3. Date 20-October-2020

4. Are you the corresponding author? Yes No Corresponding Author's Name
Yury V Popov, Paolo GV Martini

5. Manuscript Title
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Section 1. Identifying Information

1. Given Name (First Name) Patrick 2. Surname (Last Name) Finn 3. Date 20-October-2020

4. Are you the corresponding author? Yes No Corresponding Author's Name
Yury V Popov, Paolo GV Martini

5. Manuscript Title
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Section 1. Identifying Information

1. Given Name (First Name) Paloma 2. Surname (Last Name) Giangrande 3. Date 20-October-2020

4. Are you the corresponding author? Yes No Corresponding Author's Name
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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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Moderna, Inc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dr. Giangrande is an employee of and receive salary, stock, and stock options from Moderna, Inc.

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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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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Paolo

2. Surname (Last Name)
Martini

3. Date
20-October-2020

4. Are you the corresponding author? Yes No

5. Manuscript Title
Synthetic human ABCB4 mRNA therapy rescues severe liver disease phenotype in a BALB/c.Abc4^{-/-} mouse model of PFIC3

6. Manuscript Identifying Number (if you know it)
JHEPAT-D-20-01280R1

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Section 4. Intellectual Property -- Patents & Copyrights

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Yury

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Popov

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20-October-2020

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Section 1. Identifying Information

1. Given Name (First Name)

Vladimir

2. Surname (Last Name)

Presnyak

3. Date

10-December-2020

4. Are you the corresponding author?

Yes No

Corresponding Author's Name

Yury Popov

5. Manuscript Title

Synthetic human ABCB4 mRNA therapy rescues severe liver disease phenotype in a BALB/c.Abc4^{-/-} mouse model of PFIC3

6. Manuscript Identifying Number (if you know it)

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