

#### **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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**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

Lee-Law 1



Section 1. Identifying Inforr	nation	
1. Given Name (First Name) Pui-Yuen	2. Surname (Last Name) Lee-Law	3. Date 24-August-2020
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Jesus M Banales
5. Manuscript Title Targeting UBC9-mediated Protein Hyp Experimental Models	er-SUMOylation in Cystic C	Cholangiocytes Halts Polycystic Liver Disease in
6. Manuscript Identifying Number (if you k JHEPAT-D-20-00848-R1	now it)	
Section 2		
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of compensation) with entities as descri	ribed in the instructions. Use port relationships that we	ether you have financial relationships (regardless of amount se one line for each entity; add as many lines as you need by re <b>present during the 36 months prior to publication</b> .
Section 4. Intellectual Prope	rty Patents & Copyri	ghts
Do you have any patents, whether plar	nned, pending or issued, bi	roadly relevant to the work? Yes No

Lee-Law 2



Section 5.	
Section 5.	Relationships not covered above
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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. Lee-Law has	nothing to disclose.

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Lee-Law 3



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Olaizola 1

patent



Section 1. Identifying Inform	nation	
1. Given Name (First Name) Paula	2. Surname (Last Name) Olaizola	3. Date 24-August-2020
4. Are you the corresponding author?	☐ Yes 🗸 No	Corresponding Author's Name Jesus M Banales
5. Manuscript Title Targeting UBC9-mediated Protein Hyp Experimental Models	er-SUMOylation in Cystic C	Cholangiocytes Halts Polycystic Liver Disease in
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Olaizola 2



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patent

Caballero-Camino 1



Section 1. Identifying Inform	nation	
1. Given Name (First Name) Francisco J.	2. Surname (Last Name) Caballero-Camino	3. Date 24-August-2020
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Jesus M Banales
5. Manuscript Title Targeting UBC9-mediated Protein Hyp Experimental Models	er-SUMOylation in Cystic C	Cholangiocytes Halts Polycystic Liver Disease in
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Do you have any patents, whether plan	nned, pending or issued, br	roadly relevant to the work? Yes V No

Caballero-Camino 2



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Dr. Caballero-Ca	mino has nothing to disclose.

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Caballero-Camino 3



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Izquierdo-Sanchez 1



Section 1. Identifying Inform	nation	
1. Given Name (First Name) Laura	2. Surname (Last Name) Izquierdo-Sanchez	3. Date 24-August-2020
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Jesus M Banales
5. Manuscript Title Targeting UBC9-mediated Protein Hyp Experimental Models	er-SUMOylation in Cystic C	Cholangiocytes Halts Polycystic Liver Disease in
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Do you have any patents, whether plan	nned, pending or issued, br	roadly relevant to the work? Yes V No

Izquierdo-Sanchez 2



Section 5. Polotionskips not solvered above
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Dr. Izquierdo-Sanchez has nothing to disclose.

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Izquierdo-Sanchez 3



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Rodrigues 1



Section 1. Identifying Inform	ation	
Given Name (First Name)  Pedro M.	2. Surname (Last Name) Rodrigues	3. Date 24-August-2020
4. Are you the corresponding author?	Yes ✓ No	Corresponding Author's Name Jesus M Banales
5. Manuscript Title Targeting UBC9-mediated Protein Hype Experimental Models	er-SUMOylation in Cystic C	holangiocytes Halts Polycystic Liver Disease in
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Rodrigues 2



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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

**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

natent

Santos-Laso 1



Section 1. Identifying Inform	ation	
Given Name (First Name)  Alvaro	2. Surname (Last Name) Santos-Laso	3. Date 24-August-2020
4. Are you the corresponding author?	Yes ✓ No	Corresponding Author's Name Jesus M Banales
5. Manuscript Title Targeting UBC9-mediated Protein Hype Experimental Models	er-SUMOylation in Cystic C	holangiocytes Halts Polycystic Liver Disease in
6. Manuscript Identifying Number (if you kn JHEPAT-D-20-00848-R1	now it)	
Section 2. The Work Under Co	onsideration for Public	cation
	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 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 se present during the 36 months prior to publication.
Section 4. Intellectual Proper	ty Patents & Copyric	yhts
Do you have any patents, whether plant		

Santos-Laso 2



Section 5. Polotionships not solvered 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?
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Santos-Laso 3



#### **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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**Royalties:** Funds are coming in to you or your institution due to your patent

Azkargorta 1



Section 1. Identifying Inform	nation	
1. Given Name (First Name) Mikel	2. Surname (Last Name) Azkargorta	3. Date 24-August-2020
4. Are you the corresponding author?	☐ Yes 🗸 No	Corresponding Author's Name Jesus M Banales
5. Manuscript Title Targeting UBC9-mediated Protein Hyp Experimental Models	er-SUMOylation in Cystic C	Cholangiocytes Halts Polycystic Liver Disease in
6. Manuscript Identifying Number (if you k JHEPAT-D-20-00848-R1	now it)	
Section 2		
Section 2. The Work Under C	onsideration for Public	cation
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Section 3. Relevant financial	activities outside the s	submitted work.
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Section 4. Intellectual Prope	rty Patents & Copyric	ghts
Do you have any patents, whether plan	nned, pending or issued, br	roadly relevant to the work? Yes V No

Azkargorta 2



Section 5.	
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 follow	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. Azkargorta h	as nothing to disclose.

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Azkargorta 3



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## 4. Intellectual Property.

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**Royalties:** Funds are coming in to you or your institution due to your patent

Elortza 1



Section 1. Identifying Information	mation	
1. Given Name (First Name) Felix	2. Surname (Last Name) Elortza	3. Date 24-August-2020
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Jesus M Banales
5. Manuscript Title Targeting UBC9-mediated Protein Hyp Experimental Models	per-SUMOylation in Cystic C	Cholangiocytes Halts Polycystic Liver Disease in
6. Manuscript Identifying Number (if you I JHEPAT-D-20-00848-R1	know it)	
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Section 4. Intellectual Prope	erty Patents & Copyric	ghts
Do you have any patents, whether pla	nned, pending or issued, br	roadly relevant to the work? Yes V No

Elortza 2



Section 5. Polotionships not solvered above
Relationships not covered above
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**Royalties:** Funds are coming in to you or your institution due to your patent

Martinez-Chantar 1



Section 1. Identifying Inform	nation	
1. Given Name (First Name) Maria L	2. Surname (Last Name) Martinez-Chantar	3. Date 24-August-2020
4. Are you the corresponding author?	☐ Yes 🗸 No	Corresponding Author's Name Jesus M Banales
5. Manuscript Title Targeting UBC9-mediated Protein Hype Experimental Models	er-SUMOylation in Cystic C	holangiocytes Halts Polycystic Liver Disease in
6. Manuscript Identifying Number (if you ki JHEPAT-D-20-00848-R1	now it)	
Section 2. The Work Under C		
The work officer C	onsideration for Public	
any aspect of the submitted work (including statistical analysis, etc.)?	g but not limited to grants, da	a third party (government, commercial, private foundation, etc.) for ta monitoring board, study design, manuscript preparation,
Are there any relevant conflicts of inter-	est?	
Continu 2		
Section 3. Relevant financial	activities outside the s	submitted work.
of compensation) with entities as descr	ibed in the instructions. Us	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.
Are there any relevant conflicts of inter	est?	
Section 4. Intellectual Prope	rty Patents & Copyric	yhts
Do you have any patents, whether plan	nned, pending or issued, br	oadly relevant to the work? Yes V No

Martinez-Chantar 2



Section 5. Polotionships not solvered 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?
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Dr. Martinez-Chantar has nothing to disclose.

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earning royalties or not

**Royalties:** Funds are coming in to you or your institution due to your

patent

Perugorria 1



Section 1. Identifying Inform	nation	
1. Given Name (First Name) Maria J	2. Surname (Last Name) Perugorria	3. Date 24-August-2020
4. Are you the corresponding author?	☐ Yes 🗸 No	Corresponding Author's Name Jesus M Banales
5. Manuscript Title Targeting UBC9-mediated Protein Hyp Experimental Models	er-SUMOylation in Cystic C	Cholangiocytes Halts Polycystic Liver Disease in
6. Manuscript Identifying Number (if you k JHEPAT-D-20-00848-R1	now it)	
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Section 4. Intellectual Prope	rty Patents & Copyric	ghts
Do you have any patents, whether plan	nned, pending or issued, br	oadly relevant to the work? Yes V No

Perugorria 2



Section 5.	elationships not covered above
Are there other relat	cionships or activities that readers could perceive to have influenced, or that give the appearance of ng, what you wrote in the submitted work?
	g relationships/conditions/circumstances are present (explain below): hships/conditions/circumstances that present a potential conflict of interest
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Section 6. Di	isclosure Statement
Based on the above below.	disclosures, this form will automatically generate a disclosure statement, which will appear in the box
Dr. Perugorria has n	othing to disclose.

#### **Evaluation and Feedback**

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Aspichueta 1



Section 1. Identifying Inform	mation	
Given Name (First Name)  Patricia	2. Surname (Last Name) Aspichueta	3. Date 24-August-2020
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Jesus M Banales
5. Manuscript Title Targeting UBC9-mediated Protein Hyp Experimental Models	per-SUMOylation in Cystic C	Cholangiocytes Halts Polycystic Liver Disease in
6. Manuscript Identifying Number (if you k JHEPAT-D-20-00848-R1	(now it)	_
Sortion 3		
Section 2. The Work Under 0	Consideration for Public	cation
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Section 4. Intellectual Branch		
Intellectual Prope	erty Patents & Copyric	hts
Do you have any patents, whether plan	nned, pending or issued, br	roadly relevant to the work? Yes V No

Aspichueta 2



Section 5. Polationships not solvered above
Relationships not covered above
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Section 6. Disclasure Statement
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Aspichueta 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.

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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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administrative support, etc.

Marzioni 1



Section 1. Identifying Inform	nation	
1. Given Name (First Name) Marco	2. Surname (Last Name) Marzioni	3. Date 24-August-2020
4. Are you the corresponding author?	☐ Yes 🗸 No	Corresponding Author's Name Jesus M Banales
5. Manuscript Title Targeting UBC9-mediated Protein Hyp Experimental Models	er-SUMOylation in Cystic C	Cholangiocytes Halts Polycystic Liver Disease in
6. Manuscript Identifying Number (if you k JHEPAT-D-20-00848-R1	now it)	
Section 2		
Section 2. The Work Under C	onsideration for Public	cation
	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	submitted work.
of compensation) with entities as descr	ribed 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 Prope	rty Patents & Copyric	ghts
Do you have any patents, whether plan	nned, pending or issued, br	roadly relevant to the work? Yes V No

Marzioni 2



Section 5. Polationships not solvered 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
Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.
Dr. Marzioni has nothing to disclose.

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Marzioni 3



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earning royalties or not

Royalties: Funds are coming in to you or your institution due to your

patent

LaRusso 1



Section 1.	Identifying Inform	ation						
1. Given Name (Fi Nicholas	2. Surnan LaRusso	ne (Last Name)		3. Date 25-August-2020				
4. Are you the corresponding author?			✓ No		Corresponding Author's Name Jesus M Banales			
5. Manuscript Title Targeting UBC9- Experimental Mo	-mediated Protein Hype	r-SUMOyla	ation in Cystic	Cholangiocyt	tes Halts f	Polycystic Liver Disease in		
6. Manuscript Ide JHEPAT-D-20-00	ntifying Number (if you kn 1848-R1	ow it)						
Section 2.	The Work Under Co	onsiderat	tion for Publ	ication				
any aspect of the s statistical analysis, Are there any rel	submitted work (including etc.)? evant conflicts of intere	but not lim	ited to grants, d	ata monitoring	g board, st	ent, commercial, private foundation, etc.) founds design, manuscript preparation,		
	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.						٧.	
Name of Institut	tion/Company	Grant?	_	on-Financial Support <mark>?</mark>	Other?	Comments		
NIH NIDDK		✓				DK24031; DK57993		
Section 3.	Relevant financial	activities	outside the	submitted	work.			
of compensation clicking the "Add	n) with entities as descri	bed in the ort relatio	instructions. Unships that we	Jse one line fo	or each ei	cial relationships (regardless of amount ntity; add as many lines as you need by e 36 months prior to publication.		
Section 4.	Intellectual Proper	ty Pate	nts & Copyri	ights				
If yes, please fill o	r patents, whether plant out the appropriate info be removed by pressing	rmation b	elow. If you ha	•		work? ✓ Yes	ν.	

LaRusso 2



Patent?	Pending?	Issued?	Licensed?	Royalties ?	Licensee?	Comments	
8,232,241		<b>✓</b>					
9,012,392		<b>✓</b>					
070391396WO1	$\checkmark$						
Section 5. Relationshi							
Are there other relationships or potentially influencing, what yo  Yes, the following relationsh  No other relationships/cond  At the time of manuscript accepton occasion, journals may ask a	activities that u wrote in the hips/condition litions/circum otance, journ uthors to dis	nt readers ne submit ns/circun nstances als will as	could percented work?  Instances are that presented without the series of the series o	e present (ex t a potential o confirm and	plain below): conflict of interes d, if necessary, up	st date their disclosure statem	nents.
Disclosure S	tatement						
Based on the above disclosures, below.  Dr. LaRusso reports grants from 8,232,241 issued, a patent 9,012	NIH NIDDK,	during t	he conduct	of the study	; In addition, Dr. I		

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LaRusso 3



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patent

Bujanda 1



Section 1. Identifying Inform	mation						
1. Given Name (First Name) Luis	2. Surname (Last Name) Bujanda	3. Date 24-August-2020					
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Jesus M Banales					
5. Manuscript Title Targeting UBC9-mediated Protein Hyper-SUMOylation in Cystic Cholangiocytes Halts Polycystic Liver Disease in Experimental Models							
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Section 2							
Section 2. The Work Under (	Consideration for Public	cation					
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Do you have any patents, whether pla	nned, pending or issued, br	roadly relevant to the work? ☐ Yes 📝 No					

Bujanda 2



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Drenth 1



Section 1. Identifying Inform	ation						
Given Name (First Name)  Joost P.H.	2. Surname (Last Name) Drenth	3. Date 24-August-2020					
4. Are you the corresponding author?	Yes ✓ No	Corresponding Author's Name Jesus M Banales					
5. Manuscript Title Targeting UBC9-mediated Protein Hype Experimental Models	Targeting UBC9-mediated Protein Hyper-SUMOylation in Cystic Cholangiocytes Halts Polycystic Liver Disease in						
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Do you have any patents, whether planned, pending or issued, broadly relevant to the work? Yes Vo							

Drenth 2



Section 5.						
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Yes, the follo	Yes, the following relationships/conditions/circumstances are present (explain below):					
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1

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Section 1.	Identifying Inform	ation							
1. Given Name (Fi Jesus M.	rst Name)	2. Surname (Last Na Banales	me)	3. Date 24-August-2020					
4. Are you the cor	orresponding author?								
5. Manuscript Title Targeting UBC9-mediated Protein Hyper-SUMOylation in Cystic Cholangiocytes Halts Polycystic Liver Disease in Experimental Models									
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any aspect of the s statistical analysis,	Did you or your institution <b>at any time</b> 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 V No								
Section 3. Relevant financial activities outside the submitted work.									
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Name of Entity		Grant? Personal Fees?	Non-Financial Support?	Other? Co	omments				
NCYTE		<b>✓</b>		Grai	nt for research				
BAYER				Fee	s for Lectures				
NTERCEPT				Fee	s for Lectures				
OWL METABOLOMIC	S			Fee	s for consulting				

Banales 2



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Dr. Banales reports grants from INCYTE, personal fees for lecturer from BAYER and INTERCEPT, and consulting for OWL METABOLOMICS, outside the submitted work.					

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