

**Fw: Re-print permissions - BF-102511.R1 - ab9907**

1 message

Maxwell Ethan Edmonds <maxwell.edmonds@northwestern.edu>

To: Vineeta Bajaj <vineeta.bajaj@jove.com>

Hello Dr. Bajaj,

Please see the permissions from IOP publishing for our manuscript below. Again, I apologize for the delay in receiving this. I have one question:

1. Given their language in the permission, I believe we might need to add in the text : "**© IOP Publishing. Reproduced with permission. All rights reserved**" that we include DOI or first page # information when citing the original work. (See their descriptions below).

I'm not sure that the bolded text or page numbers are in the manuscript copy I uploaded earlier this month. Can you assist in checking/adding these statements and send it back, and I can add them.

Thank you very much. I await your instruction.

Sincerely,

- Maxwell

Maxwell E. Edmonds, PhD
MD/PhD Candidate
Laboratory of Teresa K. Woodruff, PhD
Northwestern Medicine

From: Permissions <permissions@iopublishing.org>

Sent: Monday, June 22, 2020 2:20 AM

To: Maxwell Ethan Edmonds

Subject: Re: Re-print permissions - BF-102511.R1 - ab9907

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Regarding:

Figures 1, 5, 6, & Supplement 1 from "Testicular organoid formation is a property of immature somatic cells, which self-assemble and exhibit long-term hormonal function"

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Kind regards,

Sophie

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Sophie Brittain - Rights & Permissions Assistant

Cameron Wood - Legal & Rights Adviser

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From: Maxwell Ethan Edmonds <maxwell.edmonds@northwestern.edu>

Sent: 17 June 2020 13:59

To: Permissions <permissions@iopublishing.org>

Subject: Re: Re-print permissions - BF-102511.R1 - ab9907

Hello Sophie,

Thank you for your response. Please see the correspondence I received when submitting the application. I was only given an order number, but no confirmation received later as suggested.

Thank you, and let me know if I can provide you with anything further.

- Maxwell

Maxwell E. Edmonds, PhD

MD/PhD Candidate

Laboratory of Teresa K. Woodruff, PhD

Northwestern Medicine

From: no-reply@copyright.com <no-reply@copyright.com>

Sent: Friday, June 12, 2020 11:12 AM

To: Maxwell Ethan Edmonds

Subject: Thank You for Your Order on Marketplace™

Marketplace™

Dear Maxwell Edmonds,

Thank you for placing your order on [Marketplace™](#).

Order Summary:

Order date: 12 Jun 2020

Order number: 1041361

No. of items: 1

Order total: 0.00 USD

Billing Summary:

Payment method: Invoice

An invoice will be generated and emailed within 24 hours.

To view your order details, click the following link, sign in, and search for your order: [Manage Account](#).

Please do not reply to this message.

To speak with a Customer Service Representative, call +1-855-239-3415 toll free or +1-978-646-2600 (24 hours a day), or email your questions and comments to support@copyright.com.

Sincerely,

The CCC Marketplace Team

Tel: 1-855-239-3415 / +1-978-646-2600
support@copyright.com
Manage Account



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Maxwell E. Edmonds
MD/PhD Candidate
Laboratory of Teresa K. Woodruff, PhD
Northwestern Medicine

From: Permissions <permissions@iopublishing.org>
Sent: Wednesday, June 17, 2020 7:21 AM
To: Maxwell Ethan Edmonds
Cc: Biofabrication; Teresa K Woodruff
Subject: Re: Re-print permissions - BF-102511.R1 - ab9907

Dear Maxwell,

Thank you for your email and I apologise for the delay in dealing with your request.. I have been unable to locate your application on the CCC system - would you be able (600XXXXXX)?

Kind regards,

Sophie

Copyright & Permissions Team
Sophie Brittain - Rights & Permissions Assistant
Cameron Wood - Legal & Rights Adviser
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E-mail: permissions@iopublishing.org

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From: Maxwell Ethan Edmonds <maxwell.edmonds@northwestern.edu>
Sent: 16 June 2020 01:58
To: Permissions <permissions@iopublishing.org>
Cc: Biofabrication <bf@iopublishing.org>; Teresa K Woodruff <tkw@northwestern.edu>
Subject: Re: Re-print permissions - BF-102511.R1 - ab9907

Hello Sophie,

I am emailing to ask about the status of our reprint permissions application? It was submitted per your instructions a few days ago, and we were told to expect hours. We haven't heard anything yet.

Could you help us look into the status of our application? Thank you!

Sincerely,

- Maxwell

Maxwell E. Edmonds, PhD
MD/PhD Candidate
Laboratory of Teresa K. Woodruff, PhD
Northwestern Medicine

From: Permissions <permissions@iopublishing.org>
Sent: Friday, June 12, 2020 5:33 AM
To: Maxwell Ethan Edmonds
Cc: Biofabrication; Teresa K Woodruff
Subject: Re: Re-print permissions - BF-102511.R1 - ab9907

Dear Maxwell,

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If you have any further queries please do not hesitate to contact us.

Kind regards,

Sophie

Copyright & Permissions Team

Sophie Brittain - Rights & Permissions Assistant

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Contact Details

E-mail: permissions@iopublishing.org

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From: Maxwell Ethan Edmonds <maxwell.edmonds@northwestern.edu>

Sent: 05 June 2020 21:41

To: Biofabrication <bf@iopublishing.org>

Cc: Teresa K Woodruff <tkw@northwestern.edu>

Subject: Re-print permissions

Dear Sarah Obertelli, Biofabrication, and IOP Publishing,

We were thrilled to see our work coming online on your platform earlier this week. (Edmonds et al 2020 *Biofabrication* <https://doi.org/10.1088/1758-5090/ab990>)

As was stated in the submission for this manuscript, we have an additional manuscript under consideration at the Journal of Visualized Experiments (JoVE) to request reprint permission from Biofabrication. Specifically this article will be using some, but not all, of the figures in the manuscript we have recently published.

Please let us know how we can proceed to gain the reprint permission for JoVE. The JoVE article will be citing Biofabrication as the source for the reprint.

Thank you, and best wishes.

- Maxwell

Maxwell E. Edmonds, PhD

MD/PhD Candidate

Laboratory of Teresa K. Woodruff, PhD

Northwestern Medicine

From: Biofabrication <bf@iopublishing.org>

Sent: Monday, May 11, 2020 6:40 AM

To: Maxwell Ethan Edmonds

Subject: Re: Source Figures for Re-submission

Dear Maxwell E. Edmonds

Thank you for your email. Please can we suggest that you send us your figure files as a zipped file via email and I will upload them for you.

Best regards

Sarah Obertelli

Biofabrication

BF 2018 Impact Factor = 7.236

Publishing Team:

Publisher: Richard Kelsall



We look forward to hearing from you soon.

Johnathan Keen

On behalf of the IOP peer-review team:
Johnathan Keen - Editor
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Sarah Obertelli - Editorial Assistant

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bf@ioppublishing.org

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2018 Impact Factor: 7.236

REFEREE REPORT(S):

Referee: 1

COMMENTS TO THE AUTHOR(S)

Comments

• In general, the paper shows a good characterization of a3 testicular in vitro morphogenesis model. They showed marker of both progenitor and differentiated cells, cells source and the aging and mixing towards the self-assembling phenotype. I confirm after my reading that the encouraging results of the submitted manuscript, finely histology and biochemical data, can be fundamental for further studies and during the choice of specific matrix scaffold and selection of subpopulation of primary cells, in and similar 3D cultures. The produced organoids are responsive in terms of endocrine function in a long term window. In addition the role of stem cells in the generator highlighted and suggested to the experts in the tissue engineering and to the clinicians for translating organoid technique to human. I would like to congratulate the authors.

- Abstract is OK, words have been checked is fewer than 300 words as IOP journal guidelines.
- Introduction is clear and it is representative of the state of the art. The references about similar models of organoids are reported in the manuscript that appears up to date.
- The discussion is accurate and not repetitive, but provide new critical elements and enhance the results.
- My unique constructive criticism is the fact that only a protein mixture ECM like Matrigel was used in the study, limiting the contribution of the different chemical environments. I agree with the choice of the authors to do not include biomechanics influence on the organoid formation because the "simplest" model could become complicated as well as the results.
- Materials are well detailed. The methods are artfully conceived, unambiguous and making the experimental part of the paper reproducible for the next researchers.
- The figures are clear, they rigorously drawn and statistics is correctly displayed. The legends allow to understand the experiments and interpret them, cartoons are included.

A few of minor revisions are below requested

1) May you shorten the title? However, this is only a suggestion for attraction on Pubmed and not a mandatory request. In case you just want to delete some words, n the following "into tubular structures".

2) An increased time of assembly has been reported for the 3D ECM organoid morphogenesis. Actually, the 3D ECM setting was very likely the only one encountering of the gel in comparison to the others conditions in which there is a liquid instead surrounding the cells. Can the authors justify the increased time of assembly because the Matrigel than the interaction with matrix proteins or receptors? for instance, may the density barrier delayed the interaction or block the migrating cells forming those reasons explained on page 16th line 13-16, are there any other motivations that made the growing rate of organoids slower than the other different tested microenvironment?

3) Moreover, could the presence of Matrigel led to a limited accessibility of some orienting proteins in the media that are necessary for normal morphogenesis and sp acquire the "right" physiological cell polarity? Please briefly discuss it. The discussion about of 3DF is not necessary because the tissue hallmarks are already well desc

4) In some legends, in particular regarding panels C and D of Figures 3, 4 and 5, I believe it could better to explain which statistical groups is denoted by the letters (a

5) The authors can write, briefly in a single sentence, if there are some kind of physicochemical interactions between the cells and the agarose in the 3DF model or if the adherent situation at all even before the discussion section. Perhaps, that will clarify to non-beginners in tissue engineering that 3DF is a spheroid-life formation evolving assembling organoid.

Referee: 2

COMMENTS TO THE AUTHOR(S)

COMMENTS TO THE AUTHOR(S)
I uploaded my comments as a file below. [See 'Comments BF-102511.pdf']

Referee: 3

COMMENTS TO THE AUTHOR(S)

EDITORIAL BOARD MEMBER'S REPORT

GENERAL

Through the extensive experiments, the authors revealed that not the microenvironment but the cell's intrinsic nature is the determining factor in the functional testicular () may probably achieved by direct cell-to-cell interactions. Also, toward the invitro spermatogenesis, the authors results seem to greatly contribute. This observation is biol () it linked to the utilization of self- assembling capability to organize themselves into functional tissues. On the contrary, the way of writing and focuses are not so engineer reviewer worry about the suitability of this study in publishing in Biofabtrication. However, if the authors revise the current MS, so that it matches and satisfies the concern Biofabtrication, the reviewer think it may finally be accepted for publication.

SPECIFIC

1. Throughout the text: Delete less important biological experiment and results, or the authors can put them into supplements. You may keep figures and relevant texts d originality of this study, as shown in the Title, but others including Table 1 may be deleted. I feel the initial part where you compare the four different culture systems may keeping minimum photos and descriptions.
2. Physiological cellular responses against some model toxicant or chemicals etc.: When we think some applications such as reproductive toxicity, it is ideal to show the organoids against some typical hormone or testis-specific toxicants. If possible, please add some such results or if you already did, consider to include these experimen readers possible interests.
3. Discussion: In particular in the last paragraph of the Discussion, the authors refer to the future research extension using microfluidic systems etc., to which the readers stronger interests over basic biological phenomena. Nevertheless, the authors only cite the related publications with no actual description about Ref. No. 78 and 79. Plea rationale to combine the organoids with microfluidic devices and what the expected contributions are.

Letter reference: DSMa01

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