Answering the reviewers.

He is the permission to include figure 3 in the paper. Here is a pdf copy of the emails asking for permission and given the permission by the authors.

RE: Urgent - Permission for modified figure from 2012 paper in CM differentiation

Nerea Jimenez Tellez

Lun 17/06/2019 20:26

Para: Sean Palecek <sppalecek@wisc.edu>
CC: Lian@psu.edu <Lian@psu.edu>; steven.greenway@ahs.ca <steven.greenway@ahs.ca>

Hello Dr Palecek,

Thanks for your quick reply.

Perfect. I will attach a screenshot of this email for the editors.

Thanks so much.

Have a great rest of the day.

Best regards,

Nerea

De: Sean Palecek <sppalecek@wisc.edu>
Enviado: lunes, 17 de junio de 2019 20:23
Para: Nerea Jimenez Tellez
Cc: Lian@psu.edu; steven.greenway@ahs.ca
Asunto: Re: Urgent - Permission for modified figure from 2012 paper in CM differentiation

Dear Nerea,

We give you permission to use this modified figure in your review. I look forward to seeing your paper.

Sean

On Mon, Jun 17, 2019 at 1:04 PM Nerea Jimenez Tellez <nerea.jimeneztell1@ucalgary.ca> wrote:

> Hello Dr Lian and Dr Palecek,
>
> My name is Nerea and I am a PhD student at Steven Greenway's lab (CC'd) at the University of Calgary.
>
> We have written a review paper for the World Journal of Cardiology and we modified figure 3A from your paper "Robust cardiomyocyte differentiation from human pluripotent stem cells via temporal modulation of canonical Wnt signaling". We use it to explain how cardiomyocyte differentiation can be conducted.
>
> Here are the figure and the extract where we mention the figure.

Figure 3 Cardiomyocyte differentiation protocol. Modified from Lian et al 2012[135].

Jin-Lei Wang

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DIFFERENTIATION of IPSCS INTO CARDIOMYOCYTES

Most applications using iPSCs to study human heart disease have differentiated them into beating cardiomyocytes[92] although one group (discussed later) took a rather unique approach and differentiated the iPSCs back into fibroblasts[93]. There are several different published and commercial methods to differentiate iPSCs into cardiomyocytes all of which are generally based

on the signaling factors that are part of the developmental pathway of cardiomyocytes *in vivo*[94–96] (Figure 3).

Although the ability to generate patient- and disease-specific beating cardiomyocytes is a powerful tool for the study of individual cardiomyopathies[97], the cardiomyocytes that are

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Could you please give us permission?

Thanks in advance.

Best regards,

Nerea