

Exclusive new insight into Multi-Organ-Chip Technology

An Interview with Reyk Horland, Head of Business Development, TissUse GmbH, Ahead of 3D Cell Culture 2018

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/EINPresswire.com/ -- Since 2010 Reyk Horland is actively involved in the development of TissUse's Multi-Organ-Chip platform for culture analysis of drug candidates, cosmetics, chemicals and consumer products. In his exclusive [interview](#) with SMi Group he talks about current industry trends and his upcoming presentation at the [3D Cell Culture Conference](#), 21-22 February, London

Here is the extract from the interview, and you can find full version on the 3D Cell Culture Conference website <http://www.3D-cellculture.com/einprjan>

Q. Which area of research do you think has most benefited from 3D cell culture?

A. Safety as well as efficacy testing of new compounds has benefited a lot with the introduction of 3D cell culture models. In addition 3D cell culture models are traditionally employed in a variety of Tissue Engineering applications.

Q. What do you see as the greatest hurdle to 3D cell culture?

A. Standardization of 3D cell culture models is challenging as these models are usually more complex than their 2D counterparts. It is therefore important to establish robust SOPs which allow the translation and inter-laboratory validation of 3D models.

Q. What do you think has been the greatest innovation within 3D cell culture over the last year or two?

A. The huge increase of available 3D microphysiological systems capable of emulating organ functions at physiologically relevant levels.

Q. Where do you see 3D cell culture leading us over the next few years?

A. We should see a lot of applications in personalized medicine by either using iPS-derived models or patient derived cells.

Q. What do you hope to gain from the SMi's 3D Cell Culture Conference?

A. I'm very much interested in learning more about attendees' views and experience with 3D cell culture and Organ-on-a-Chip systems. I'm also looking forward to discussions on potential use and application of Organ-on-a-Chip systems.



There are other important questions and views Reyk Horland have raised during the interview, full version is available on 3D Cell Culture Conference website <https://goo.gl/2TAuBR>

3D Cell Culture Conference will take place on 21 - 22 February 2018 at the Copthorne Tara Hotel, London, UK. Further information including a full speaker line-up and detailed agenda is available online at <http://www.3D-cellculture.com/einprjan>

3D Cell Culture Conference is sponsored by Bio-Techne, Integra Biosciences, Jellagen and Nexcelom

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About SMi Group:

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