

Newsletter



Round-Up:



YORNiGHT

In November, the Genever Lab were represented at YorNight 2018, a researchers' night hosted by the University of York, held in the historic King's Manor building. With well over 1000 visitors, the event was a great success! A lot of fun was had as our stem cell superheroes were treated with sorted stem cells to help explain how new therapies could be developed to treat bone and joint disease. We would happily return.



You can find more information about the event here:

<https://www.york.ac.uk/news-and-events/events/yornight/2018/>

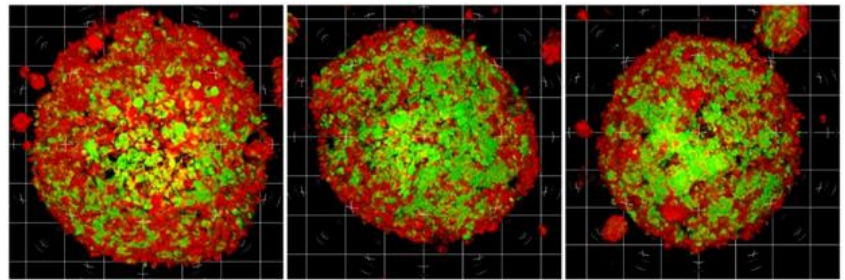
Conferences

We attended the first official meeting of the newly formed **UK Extracellular Vesicle Society**, UKEV2018 in Sheffield. It was a valuable conference and provided a great insight into the exciting work being undertaken on extracellular vesicles in the UK and Europe.

Extracellular vesicles or “EVs” are released by cells as packages of information that can signal to other cells. Our lab has been producing and characterising EVs as potential new treatments for osteoarthritis and related diseases.

Publications

Our paper entitled “**Analysis of the Intrinsic Self-Organising Properties of Mesenchymal Stromal Cells in Three-Dimensional Co-Culture Models with**



Endothelial Cells” was published in the journal [Bioengineering](#) in October 2018. It describes how different cell types (labelled red and green in the image above) can arrange themselves into mini-tissues.

We also published a report in the journal [Cell Signalling](#) this month that explains how we identified a new way in which bone marrow stem cells communicate with each other.

Other News

We also doing our bit for the environment by pioneering the recycling of plastic laboratory waste. PhD student David Kuntin wrote about the subject in **The Biologist**, you can read the article [here](#).



How to... reduce your lab's plastic waste

David Kuntin on how he and his colleagues have cut the amount of plastic their lab sends to landfill each year by more than a tonne

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