

# 3 Questions to....

...Harry Esmonde

from Dublin City University



## **What has been most surprising and challenging for you related to your involvement in PANBioRA so far?**

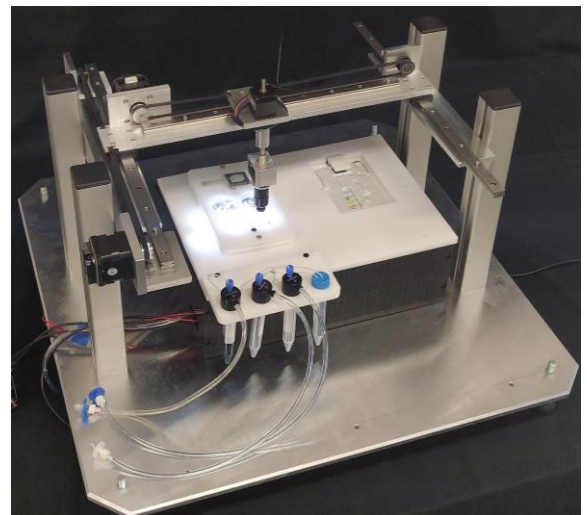
You can learn a lot during the project about biocompatibility even when you are not specialized in biomedical applications. Most challenging was to handle with the time pressure. Due to our role where we integrate technology from other partners, our work has been concentrated timewise towards the latter half of the project.

## **How would you describe PANBioRA in one sentence?**

It will create a multifaceted approach to biocompatibility analysis in a single user-friendly test platform.

## **From your point of view: What will be the biggest impact of PANBioRA?**

Once the system is fully integrated, the multifunctional nature of the system will dramatically improve the way scientists assess biocompatibility, speeding up the process, yielding information quickly that can be compared to models also derived during the Panbiora project.



Integration of different testing modules into the PANBioRA device ©DCU

Learn more about DC University and their involvement in PANBioRA!



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Dublin City University ([DCU](#)) is Ireland's university of Enterprise and has grown rapidly in scale and performance since being established as a university in 1989. DCU prides itself on delivering excellence across all of its activities. With a focus on enterprise and a determination to hold the position as Ireland's most innovative and market driven university, DCU has created a unique position for itself in Ireland. It promotes research and encourages entrepreneurship through a state of the art.

In PANBioRA, the School of Mechanical & Manufacturing Engineering will be involved. By combining expertise and enterprise, the school continually pushes the boundaries of engineering. With expert faculty members, state-of-the-art facilities and a first-rate research environment, the cross-cutting research in innovative manufacturing, biomedical engineering and sustainable engineering is finding answers to problems with national and global impact.

## **Role in PANBioRA:**

DCU will work on the integration of the different modules, the PANBioRA system will be composed of in the end. Above that, DCU will validate the whole integrated system with reference to benchmark materials.

