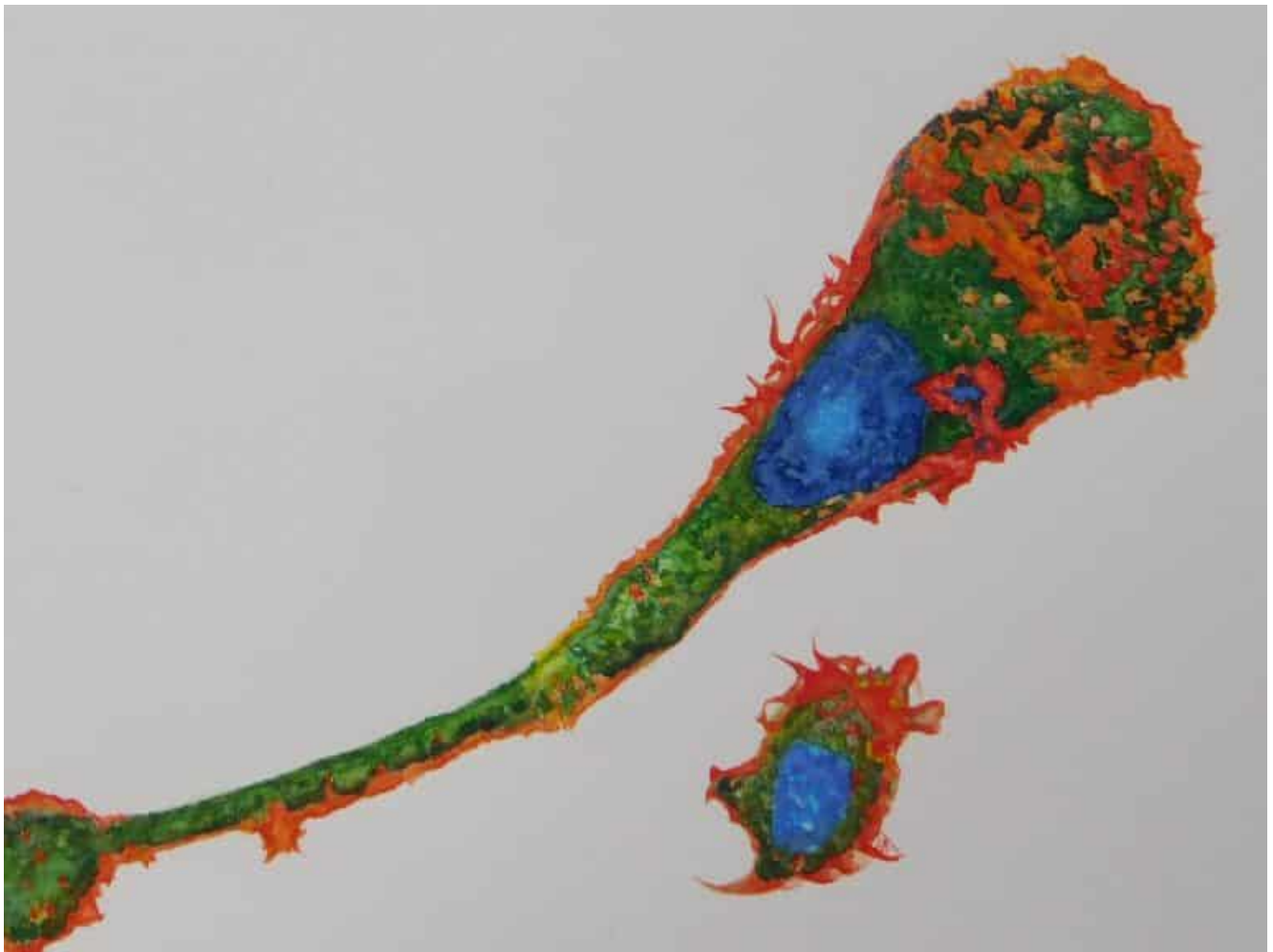


Exciting new physiology tutorial to start your new year!

New exciting physiology Tutorial!



Happy New year to all! It has taken me so long to write this blog it now includes Chinese New year, so Happy New Year of the Tiger.

Despite the pandemic, 2021 was a pretty busy year. You know- homeschooling, looking after students who had to work 100% online during the lockdowns and that sort of stuff.

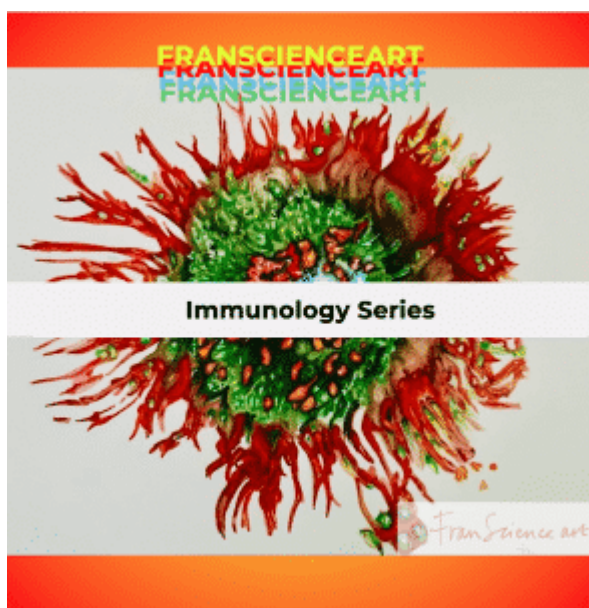
I got busy and developed my teaching of science and art, which has now crossed diverse faculties at Kingston University, as well as developing some shortened courses that you can find here online. It goes to show how inclusive this can be!

Below you can follow some of the initiatives that I have been developing.....

Immunology Podcasts

You may or may not have noticed that podcast thing available on the home page. It's a really fun way to engage with teaching and learning immunology. My students love it and I'm sure you will too. It's one way to challenge the misinformation that's out there as one of the few pure immunology classes you'll find.

[Click here for podcasts](#)



I started a podcast- a series of short casts that you can listen to at leisure if immunology is your type of biological science, you can find the link to these here. Have a listen you may find them interesting, my students and my mum certainly do. You can find the link here: [Podcast Immunology Series](#)

Dialogic Teaching

I have also started working really closely with a group at KU and also the University of Surrey investigating the impact that dialogic teaching has, or rather the impact that getting students to articulate themselves during lectures and workshops has and the value it has. This is not a new idea and usually is something encouraged in school and lower years, but at university, seems to fizzled a bit. One of my presentations is available at the site [British Association Applied Linguistics and Cambridge University Press](#). Click below to access the

seminar series- or here to read my
abstract: <https://langlitlearn.files.wordpress.com/2021/06/francesca-arrigoni.pdf>

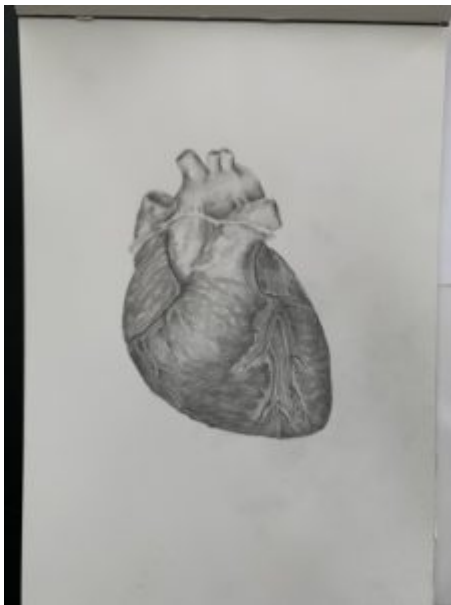
[Click here](#)

Art Physiology

Another really great initiative that I started to prevent my students from becoming detached from their work during the pandemic was to start the art classes.

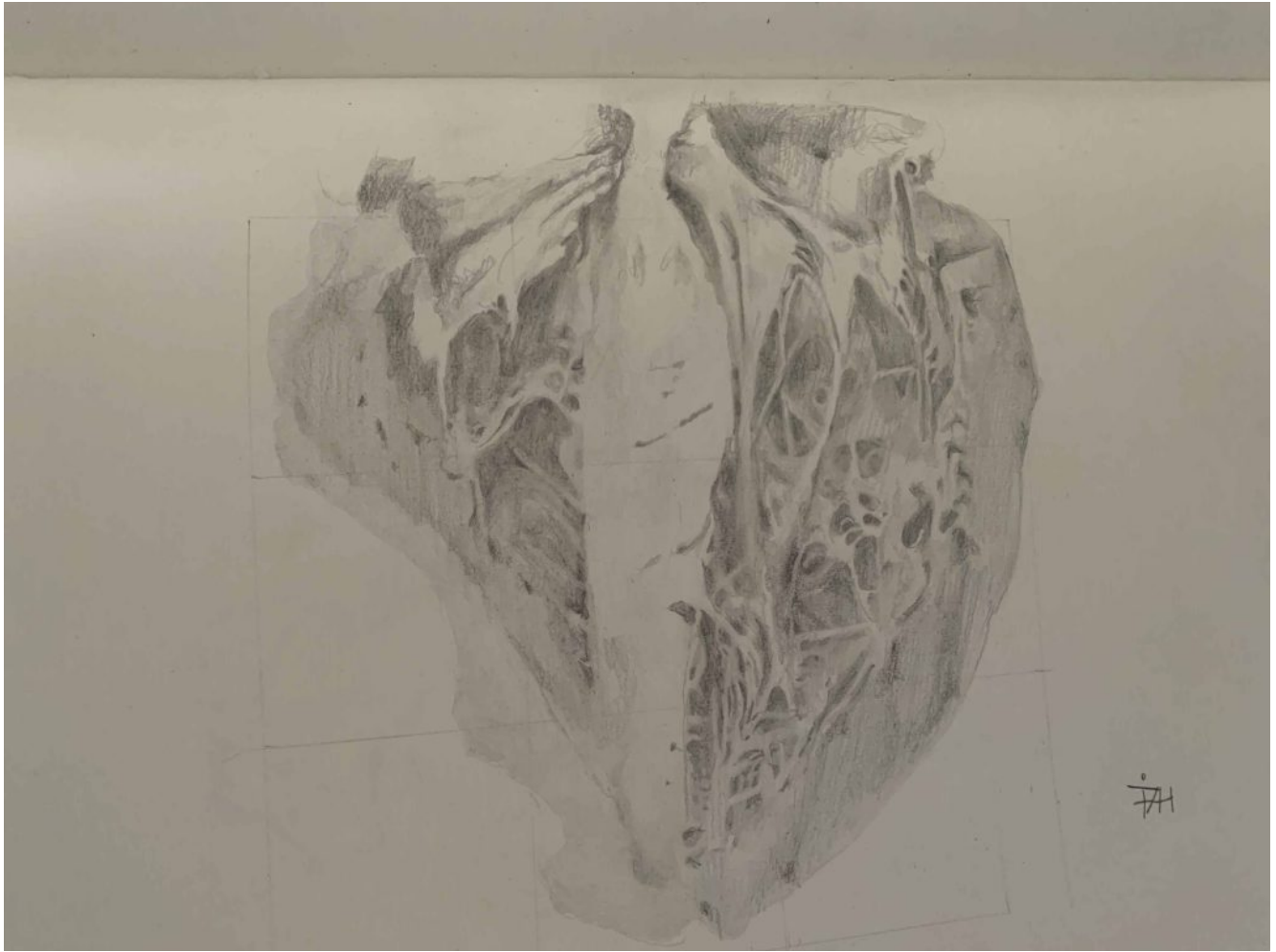
The 'Art in your Heart' classes proved really successful for those who signed up, and ended up learning so much about the structures of the heart that it helped them no end in their end of year exams. I presented these findings to the British Association of Research and Education in 2021 .

These are freely available here:



ART IN YOUR HEART

What was so lovely about this was that I was able to teach a range of students who learn about biosciences including student pharmacists, nurses and midwives.



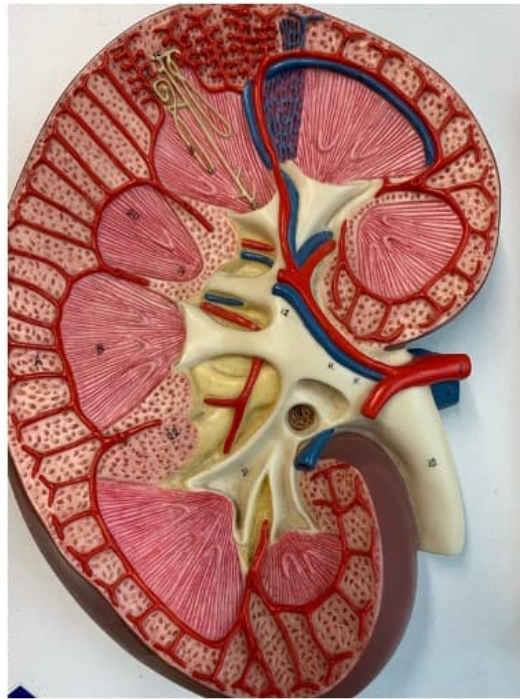
https://franscienceart.com/wp-content/uploads/2022/02/IMG_0089.mov

This drawing is part of the cardiac physiology art course- in this instance in lesson 3, learning about the trabeculae and papillary muscles. Click below to access the class, if you've already signed up- if not what's stopping you?

click: Art in physiology: Chordae tendinae, Papillary Muscles, Trabeculae and moderator band

This coming month I will be uploading new resources and over time, lessons, for you to learn all about the kidney. Some of the resources are already there for you to have a go if you like:

KIDNEY ANATOMY AND PHYSIOLOGY LESSONS



[Click here](#)

<https://franscienceart.com/wp-content/uploads/2021/09/kidney-podocytes.mp4>

Watch this video to see the drawing of epithelial podocytes found in the bowmans capsule, and wrap around the capillaries of the gloerulus

So Happy 2022! If you have any thoughts on these or other topics related to sciart, do get in touch!

Other interesting links....

Blogs

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Art in your heart course

Podcasts