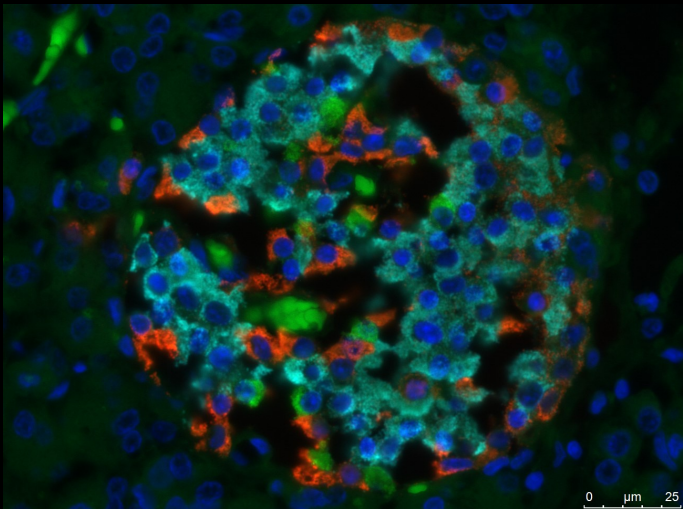


Type 1 diabetes... and maths! Type 1 diabetes... and maths! Type 1 diabetes... and maths!

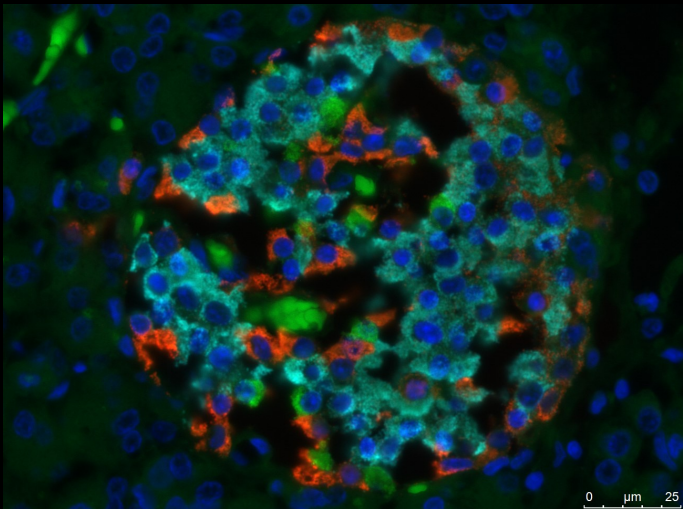


Pancreas sample from a non-diabetic patient

Spotted the difference between the picture above and the picture below?

If so, how would you measure it?

Using maths and computers, we can identify the differences in these pictures, to help understand what is happening in the pancreas (an important organ in the body) during the early stages of type 1 diabetes.

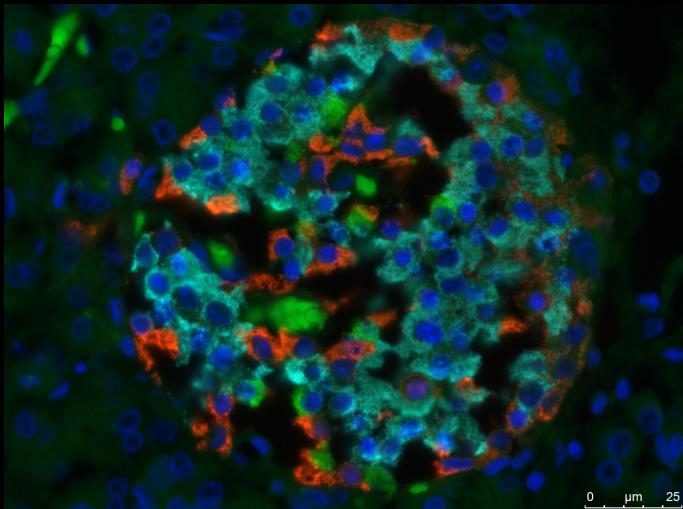


Pancreas sample from a non-diabetic patient

Spotted the difference between the picture above and the picture below?

If so, how would you measure it?

Using maths and computers, we can identify the differences in these pictures, to help understand what is happening in the pancreas (an important organ in the body) during the early stages of type 1 diabetes.

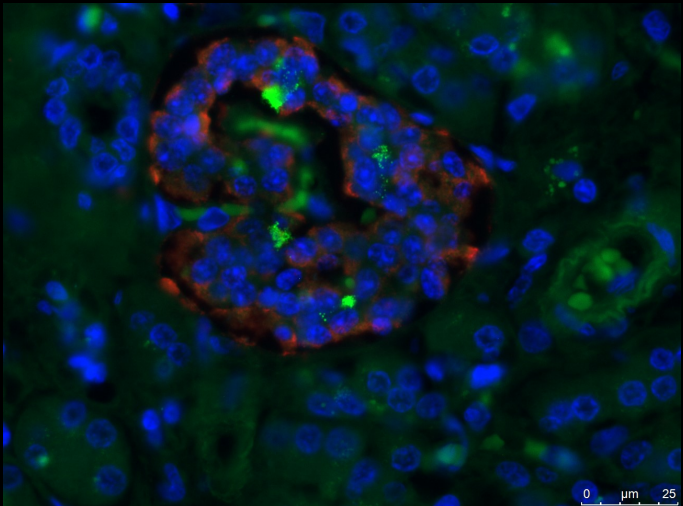


Pancreas sample from a non-diabetic patient

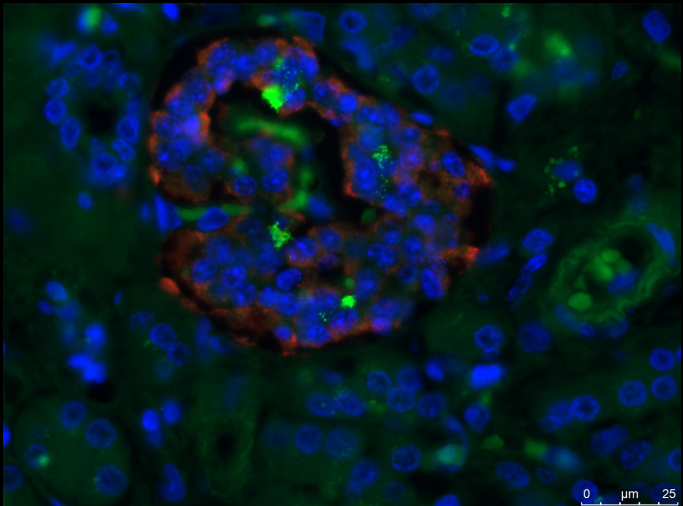
Spotted the difference between the picture above and the picture below?

If so, how would you measure it?

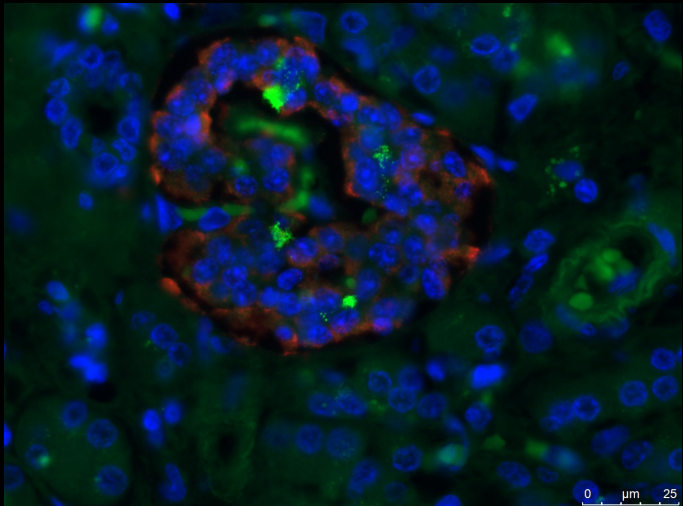
Using maths and computers, we can identify the differences in these pictures, to help understand what is happening in the pancreas (an important organ in the body) during the early stages of type 1 diabetes.



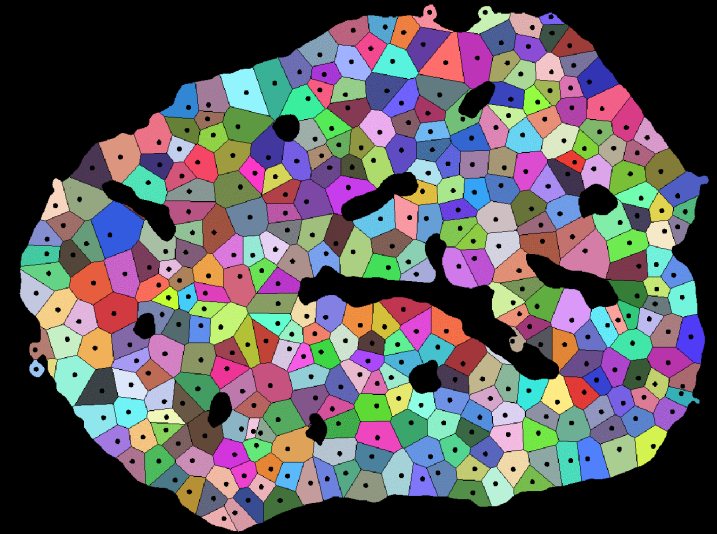
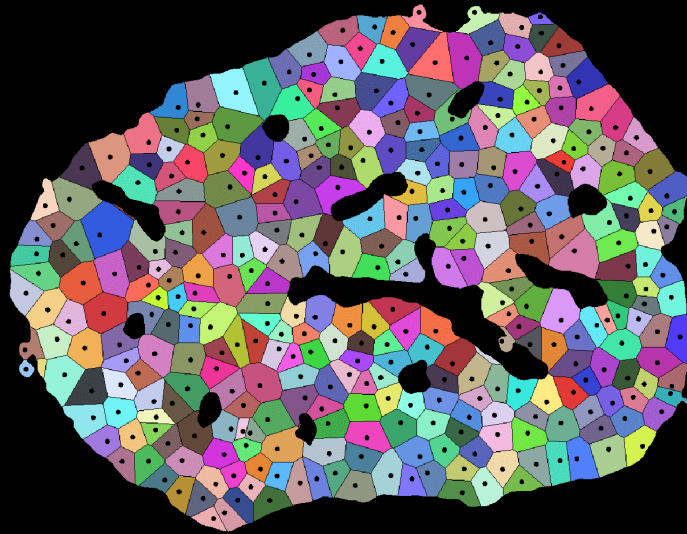
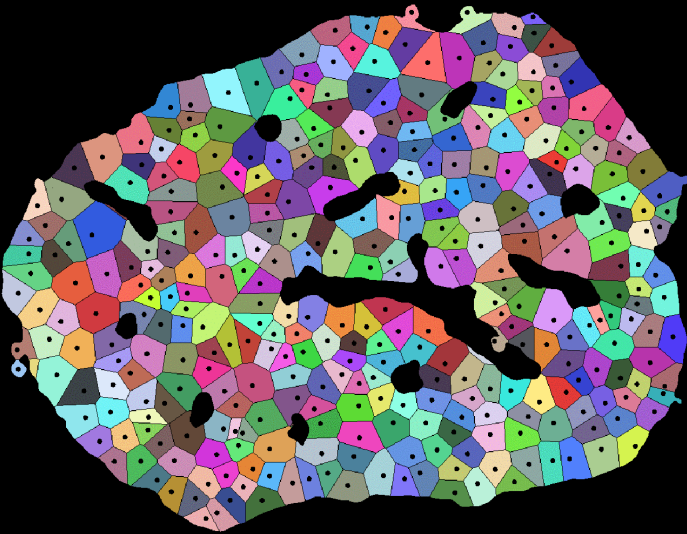
Pancreas sample from a diabetic patient



Pancreas sample from a diabetic patient



Pancreas sample from a diabetic patient



A graphical illustration of how we might go about measuring the boundaries and centres of the cells, from the pictures on the reverse side of this flyer.

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By measuring the amount of colour in the pictures on the reverse side of the flyer, we can identify the type of cell that is present.

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Acknowledgements:

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Dr..Kyle Wedgwood

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Feel free to email any questions to myself (Jordan Moore) at jm799@exeter.ac.uk

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