

The Accessible Genetics Consortium presents:



The Accessible Genetics Consortium

GENES AND TONIC

A Wellcome Trust funded event

PROGRAMME

Talks below will all be held in Room 102 which is on the first floor

Time	Talk	Speaker
18:30 - 19:00	What can we learn from twin studies? This talk will explore how we use twins to untangle genetic and environmental influence on traits, such as height, weight, personality and educational achievement, and what this research has shown us about human behaviour	Emily Smith-Woolley, PhD student with the Twins Early Development Study
19:00 - 19:30	Predicting exam performance from DNA This talk will explain how we can use large genome-wide association studies to make individual-level genetic prediction for educationally relevant traits, such as school achievement and general intelligence	Saskia Selzam, PhD student with the Twins Early Development Study
19:30 - 20:00	Genetics in the classroom: A discussion What can teachers take away from genetic research and how can we use genetic research to improve teaching? This talk will explore these questions and pose them to a researcher and a teacher	Yulia Kovas, Professor of behavioural genetics; Joe Gordon, secondary school
20:15 - 20:45	Genetic bingo Join us for a game of bingo and test your knowledge! Prizes to be won!	Robert Chapman, PhD student, Goldsmiths

PLUS PERMANENT STANDS: DNA origami • What does DNA look like? • Twins Early Development Study • The Accessible Genetics Consortium • Genetics for Education book launch

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GIVE US FEEDBACK

On a scale of 1 to 10, how much did this event improve your genetic knowledge?

I didn't learn much	1	2	3	4	5	6	7	8	9	10	I learnt loads!

On average, two people selected at random will share how much of their DNA?

50%	75%	90%	99%	Don't know
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How important are genes to variation in weight?

Not at all (entirely environmental)	1	2	3	4	5	6	7	8	9	10	Entirely genetic

How important are genes to variation in IQ?

Not at all (entirely environmental)	1	2	3	4	5	6	7	8	9	10	Entirely genetic

What area of genetics would you like to learn more about?

Please tick all that apply

<input type="checkbox"/>	Molecular genetics (what DNA is, what it does, how genes work for complex traits)
<input type="checkbox"/>	Epigenetics (Environmental factors which influence how your DNA is read)
<input type="checkbox"/>	Quantitative genetics (estimating the influence of genetics and the environment on quantitative traits)
<input type="checkbox"/>	Other

Please write any comments about the event below:

Thank you!