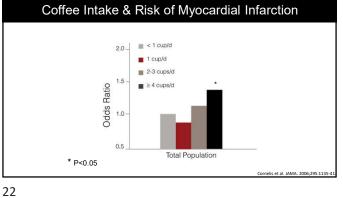
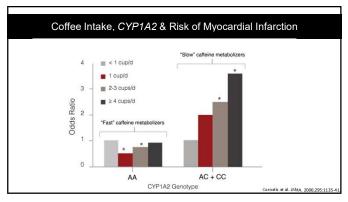


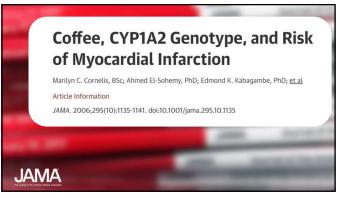
Genetic Variation in CYP1A2 (rs762551) fast 300-250 A Inducibility 1200-150-100slow 50 AA AC сс CYP1A2 Genotype



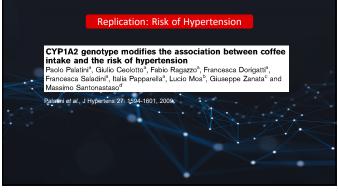


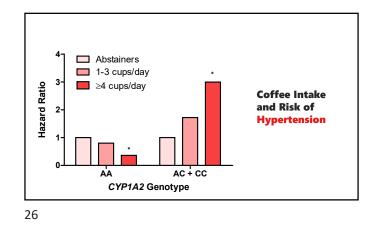






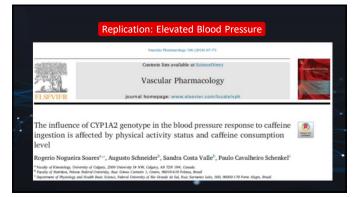




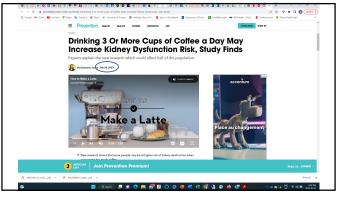


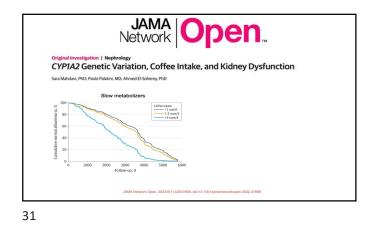
 Replication: Risk of Pre-Diabetes

 Base of the state of th

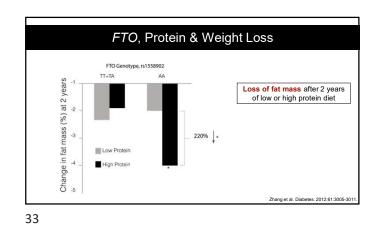


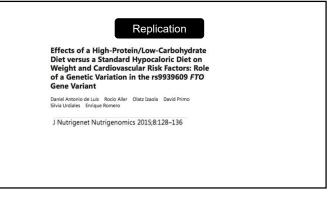


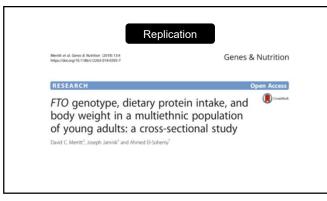


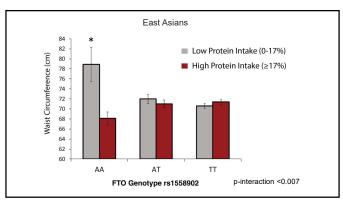




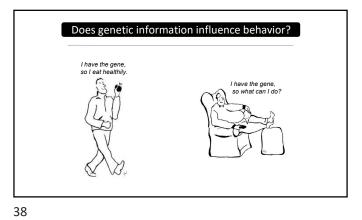


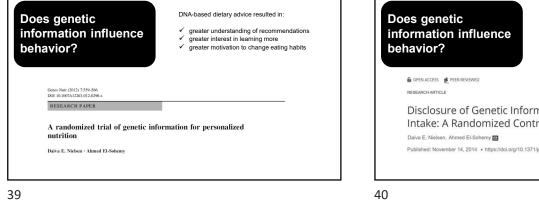










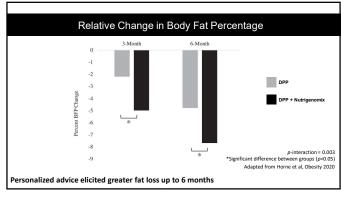




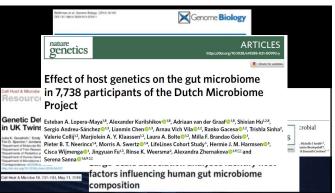
	Lifestyle Genomics	Research Article
_	and Lifestyle Be Using High-Qua	view of Genetic Testing haviour Change: Are We lity Genetic Interventions and haviour Change Theory?
	Justine Horne ^{a, b} Janet M Jason Gilliland ^{d, f–h}	Nadill ^b Colleen O'Connor ^b Jacob Shelley ^{c-e}
Provis		ble information is more likely to ealth behavior change

Original research
Enhanced long-term dietary change and adherence in a nutrigenomics-guided lifestyle intervention compared to a population-based (GLB/DPP) lifestyle intervention for weight management: results from the NOW randomised controlled trial

Effects of Personalized Nutrition on E	Body Weight? – August 2020
Original Article CLINICAL TRIALS AND INVESTIGATIONS	Obesity
Change in Weight, BMI, and Body C in a Population-Based Intervention Genetic-Based Intervention: The NC Justice R Home ^{12,1} Jana A Cilliand ^{6,45,67,89} Collem P O'Comm ^{2,7}	Versus DW Trial
 and Janet Madill^{17,10} Control^{10,1}, Jason A. Guttanar^{10,10,10}, Cotteen P. O Connor^{10,10} and Janet Madill^{17,10} Costly Society, Received: 22 February 2020; Accepted: 30 April 2020; Published 	
www.obesityjournal.org	Obesity I VOLUME 28 I NUMBER 8 I AUGUST 2020 1419











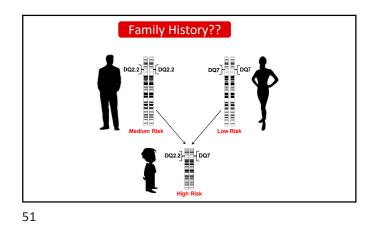


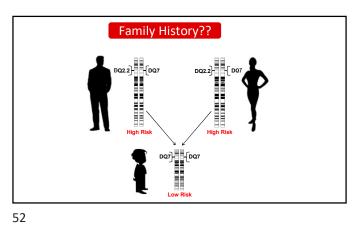


What the skeptics say...which is false

- Single SNPs are useless.
- People won't change their behaviours.
- We need more evidence. From RCTs.
- \cdot It's the microbiome
- Results from genetic tests are too complex.
- Family history is more informative

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What the skeptics say...which is false Single SNPs are useless. People won't change their behaviours.

- We need more evidence. From RCTs.
- It's the microbiome
- Results from genetic tests are too complex.
- Family history is more informative
- Just follow recommendations for healthy eating





Benefits of Genetic Testing

- ✓ Improved nutritional status
- ✓ Greater weight loss
- \checkmark Improved compliance
- ✓ Enhanced motivation✓ Better understanding of dietary advice



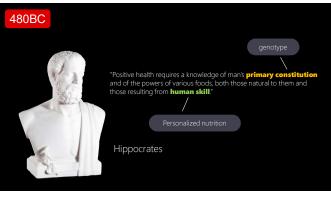
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Q&A



Email: a.el.sohemy@utoronto.ca