

# MEG-UK Annual Meeting 2022

*Pathways to improving population health: bringing together industry, academia, patients and policymakers*

John McIntyre Conference Centre, Edinburgh  
Monday 28 November 2022

## Programme

09.30-10.30		<b>Registration, poster mounting and viewing</b>
10.30-12.15	<b>Session One</b>	<b>Chair: Natassia Robinson</b>
10.30-12.15	10.30	<b>Opening Remarks</b>
	10.45	<b>Invited Speaker:</b> The patient voice in cancer research – <i>Amanda McCann, Chair of the UCD Patient Voice in Cancer Research (PVCR) committee, University College Dublin</i>
	11.15	Using human genetics to evaluate the causal role of circulating inflammatory markers in risk of adult cancer – <i>James Yarmolinsky, MRC Integrative Epidemiology Unit, University of Bristol</i>
	11.30	Measuring DNA damage in circulating blood cells as a potential biomarker for oesophageal adenocarcinoma – <i>Rachel Lawrence Bart's Cancer Institute, Queen Mary University</i>
	11.45	The effect of weight-loss on the colorectal transcriptome and its relation to colorectal cancer risk – <i>Emma Hazelwood, University of Bristol</i>
	12.00	Robin Flaig, Archie Campbell and Rebecca Reynolds population cohorts of interest (The UK Longitudinal Linkage Collaboration: a trusted research environment for the longitudinal research community, Generation Scotland, Born in Scotland in the 2020s Pilot Study)
12.15-13.00		<b>Lunch</b>
13.00-13.30		<b>Poster viewing</b>
13.15-14.30	<b>Session Two</b>	<b>Chair: Robert Young</b>
	13.15	<b>Invited Speaker:</b> The BHF Data Science Centre @ Health Data Research UK: how we can help you with population-based research – <i>Cathie Sudlow, Director of the British Heart Foundation Data Science Centre, University of Edinburgh</i>

14.00 Long-term metabolomic effects of bariatric surgery – *Madeleine L. Smith, University of Bristol*

14.15 Augmenting clinical risk prediction of cardiovascular disease through protein and epigenetic biomarkers – *Aleksandra D Chybowska, Institute of Genetics and Cancer, University of Edinburgh*

**14.30-15.00**

**Coffee and Poster viewing**

**15.00-15.45 Session Three**

**Chair: Jonine Figueroa**

15.00 **Invited Speaker:** Our Future Health: a new UK-wide health research programme – *Michael Cook, Executive Director of Epidemiology, Our Future Health*

15.30 Phenome-wide association study of genetically determined B vitamins and homocysteine biomarkers with multiple health and disease outcomes: Analysis of the UK Biobank – *Lijuan Wang, University of Edinburgh*

15.45 Using PathWAS associated with proteomics to predict pathway function and relationships with complex traits – *Sebastian May-Wilson, University of Edinburgh*

**16.00-16.15**

**Prizes and Closing Remarks**