

2021 Joint Annual ISAB Meeting 27th-29th Sept

Day 3 – MRC Centre for Environment and Health

- 1:30pm 20 mins** **Welcome and Introduction to the MRC Centre** (10 mins Pres/10 mins Q&A)
- 1:50pm 30 mins** **Theme I – Environmental Exposures**
- Frank Kelly - Overview – 5 mins
 - Ben Barratt – 5 mins
 - Daniela Fecht - 5 mins
 - Q&A – 15 mins
- 2:20pm 30 mins** **Theme II – Molecular Signatures and Disease Pathways**
- Paolo Vineis - Overview – 5 mins
 - Marc Chadeau-Hyam – 5 mins
 - Abbas Dehghan - 5 mins
 - Q&A – 15 mins
- 2:50pm 15 mins** **Tea/Coffee break**
- 3:05pm 30 mins** **Theme III – Healthy Cities, Healthy People**
- Majid Ezzati - Overview – 5 mins
 - Barbara Metzler – 5 mins
 - Annie Sheehan – 5 mins
 - Q&A – 15 mins
- 3:35pm 40 mins** **Themes IV and V – Biostatistics and Data Science & Cohorts and Data Resources**
- Marta Blangiardo - Overview Stats – 5 mins
 - Verena Zuber – 5 mins
 - Debbie Jarvis - Overview Cohorts – 5 mins
 - Queenie Chan – 5 mins
 - Q&A – 20 mins
- 4:15pm 15 mins** **Joint Training Programme – Stephanie Wright** - 5 mins presentation / 10 mins Q&A
- 4:30pm 15 mins** **Tea/Coffee break**
- 4:45pm 30 mins** **Poster Presentations** (8 x 2 mins pre-recorded video plus Q&A)
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|-------------|----------------------------|-------------------------|
| EE | Andrew Grieve | Dimitris Evangelopoulos |
| MS&DP | Melanie Egli | ChungHo Lau |
| HC, HP | Theo Rashid | Rosemary Chamberlain |
| B&DS / C&DR | Garyfallos Konstantinoudis | Alex Spiers |
- 5:15pm 15 mins** **Closing Remarks**
- 5:30pm** **Close of Meeting**

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PRESENTATIONS

Paul Elliott (ICL) MRC Centre for Environment and Health Overview

Theme I - Environmental Exposures

Frank Kelly (ICL) Introduction to Environmental Exposures Theme

Ben Barratt (ICL) Progress toward a more personalised approach for assessing environmental exposures

Daniela Fecht (ICL) Road traffic noise and cardiovascular disease risk factors

Theme II - Molecular Signatures and Disease Pathways

Paolo Vineis (ICL) Introduction to Molecular Signatures and Disease Pathways Theme

Marc Chadeau-Hyam (ICL) Graphical Model for OMICs integration

Abbas Dheghan (ICL) Environmentally relevant genetic research

Theme III - Healthy Cities, Healthy People

Majid Ezzati (ICL) Introduction to Healthy Cities, Healthy People Theme

Barbara Metzler (ICL) Measuring and analysing urban development in SSA using satellite imagery and machine learning

Annie Sheehan (ICL) Developing city-wide traffic models using remote earth observation

Theme IV - Biostatistics and Data Science

Marta Blangiardo (ICL) Introduction to Biostatistics and Data Science cross-cutting Theme

Verena Zuber (ICL) Interface of statistical methods and computation with a focus on causality

Theme V - Cohorts and Data Resources

Debbie Jarvis (ICL) Introduction to Cohorts and Data Resources cross-cutting Theme

Queenie Chan (ICL) Effects of air pollution on cardiopulmonary disease in urban and peri-urban residents in Beijing (AIRLESS)

Stephanie Wright (ICL) Joint Training Programme

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POSTER PRESENTATIONS

Theme I - Environmental Exposures

Andrew Grieve (ICL) Breathe London – a new community-led air quality sensing network

Dimitris Evangelopoulos (ICL) Exposure measurement error and its significance for health effect estimates; the MELONS project

Theme II - Molecular Signatures and Disease Pathways

Melanie Egli (ICL) Pinpointing potential chemically hazardous hotspots via Thames and tributary river profiling (LC-MS/MS)

ChungHo Lau (ICL) A multi-cohort study of metabolomic age acceleration

Theme III -Healthy Cities, Healthy People

Theo Rashid (ICL) Levelling up: Life expectancy in 6,791 English communities from 2002 to 2019

Rosemary Chamberlain (ICL) Health impacts of the London Ultra Low Emission Zone

Theme IV - Biostatistics and Data Science

Garyfallos Konstantinoudis (ICL) Vulnerability to COPD hospitalisation effects of warm temperatures in England: A nationwide case-crossover study during 2007-2018

Theme V - Cohorts and Data Resources

Alex Spiers (ICL) Mobile phone usage and mental Health in CVEDA: findings from a multi-site adolescent cohort in India