

**Optimising Multistudy Integrative Research  
18 – 20 September 2019**

**Wellcome Genome Campus,  
Hinxton, Cambridge, UK**

**Programme**

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**Wednesday, 18<sup>th</sup> September**

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|-------------|--|
| 11:30-12:30 | <b>Registration</b>  |
| 12:30-12:45 | <b>Welcome and Introductions</b><br><i>Scientific Programme Committee</i>  |
| 12:45-13:45 | <b>Keynote Lecture</b><br><i>Chair: Scott Hofer</i>  |
|             | Integrative Data Analysis: Promises, Challenges, and Recommendations<br><i>Patrick Curran</i><br><i>University of North Carolina at Chapel Hill, USA</i> |
| 13:45-15:15 | <b>Session 1: Approaches for Multistudy Analysis</b><br><i>Chair: Josep Maria Haro</i>   |
|             | 13:45 Undertaking data harmonization: Challenges and opportunities<br><i>Isabel Fortier</i><br><i>McGill University, Canada</i>                          |
|             | 14:15 Advantages and challenges of the IALSA coordinated analytical approach<br><i>Graciela Muniz</i><br><i>University of Edinburgh, UK</i>              |
|             | 14:45 TBC<br><i>Paul Burton</i><br><i>Newcastle University, UK</i>   |
| 15:15-15:45 | <b>Afternoon Tea</b>   |
| 15:45-16:30 | <b>Introduction Session for Consortia</b>  |

16:30-17:45

**Session I continued: Approaches for Multistudy Analysis**

*Chair: Josep Maria Haro*

16:30 Optimum weighting schemes when performing Matching-Adjusted Indirect Comparisons

*Dan Jackson*

*Astra Zeneca, UK*

17:00 Short talk selected from submitted abstract

17:15 Short talk selected from submitted abstract

17:30 Short talk selected from submitted abstract

17:45-18:15

**Lightning talks**

*Chair: TBC*

18:15-19:30

**Poster Session I (odd numbers) with drinks reception**

19:30 prompt

**Buffet Dinner**

19:30

**Cash Bar**

**Thursday, 19<sup>th</sup> September**

09:00-10:30

**Session 2: Applications of Integrative Data Analysis***Chair: Graciela Muniz*

09:00 Assessing cardiovascular risk using multiple studies: The Emerging Risk Factors Collaboration

*Angela Wood**University of Cambridge, UK*

09:30 Multistudy research on risk factors for dementia: assessment of reverse causation

*Archana Singh-Manoux**INSERM, France*

10:00 Short talk selected from submitted abstract

10:15 Short talk selected from submitted abstract

10:30-11:00

**Morning Coffee**

11:00-12:30

**Session 3: Challenges and Solutions Related to Heterogeneity in Data, Measurement, and Multistudy Results***Chair: Edwin van den Heuvel*

11:00 The ATHLOS project: harmonizing population cohorts in ageing research

*Josep Maria Haro**University of Barcelona, Spain*

11:30 Scientific Replication and Prediction: The Major Role of Multi-study Integrative Research

*Scott Hofer**University of Victoria, Canada*

12:00 Short talk selected from submitted abstract

12:15 Short talk selected from submitted abstract

12:30-13:30

**Lunch**

13:30-14:30

**Session 4: Data Sharing: Ethical and Legal Challenges for Collaborative Research***Chair: Isabel Fortier*

13:30 Ethical and Legal Challenges Revisited in Practice

*Michaela Mayrhofer**BBMRI-ERIC, Austria*

14:00 Short talk selected from submitted abstract

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|--------------|-------|--|
|              | 14:15 | Short talk selected from submitted abstract  |
| 14:30-15:00  |       | <b>Afternoon Tea</b>   |
| 15:00-16:30  |       | <b>Session 5: Measurement Harmonization: Approaches and Recommendations</b><br><i>Chair: Isabel Fortier</i>  |
|              | 15:00 | Fitting the harmonization approach to the harmonization problem: the IGEMS experience<br><i>Margaret Gatz</i><br><i>University of Southern California, USA</i> |
|              | 15:30 | The tools of harmonization<br><i>Edwin van den Heuvel</i><br><i>Eindhoven, The Netherlands</i>   |
|              | 16:00 | Short talk selected from submitted abstract  |
|              | 16:15 | Short talk selected from submitted abstract  |
| 16:30-17:00  |       | <b>Lightning talks</b><br><i>Chair: TBC</i>  |
| 17:00-18:15  |       | <b>Poster Session 2 (even numbers) with drinks reception</b>   |
| 18:15 prompt |       | <b>Silver Service Conference Dinner</b>  |
| 18:15        |       | <b>Cash Bar</b>  |

## Friday, 20<sup>th</sup> September

- 09:00-10:30      **Session 6: Experiences in Multistudy Collaborative Research**  
*Chair: Graciela Muniz*
- 09:00    Multistudy research in the LifeCycle Consortium: Setting up the European Child Cohort Network  
*Janine Felix*  
*Erasmus University Medical Center, The Netherlands*
- 09:30    Two decades of data harmonization and analysis in the MORGAM / BiomarCaRE consortium  
*Kari Kuulasmaa*  
*National Institute for Health and Welfare (THL), Finland*
- 10:00    Short talk selected from submitted abstract
- 10:15    Short talk selected from submitted abstract
- 10:30-11:00      **Morning Coffee**
- 11:00-12:30      **Session 6 continued: Experiences in Multistudy Collaborative Research**  
*Chair: Michaela Mayrhofer*
- 11:00    Exclusivity or open relationships? An experience of working within 10/66 and ATHLOS  
*Matthew Prina*  
*Kings College, London*
- 11:30    MINDMAP: integrating longitudinal ageing studies, policy information, and area-level environmental exposures to identify opportunities offered by the urban environment for mental well-being of older adults  
*Mariëlle Beenackers*  
*Erasmus University Medical Center, The Netherlands*
- 12:00    Short talk selected from submitted abstract
- 12:15    Short talk selected from submitted abstract
- 12:30-13:30      **Session 7: Panel Discussion - Optimising Results from Multistudy Consortia: Lessons Learned and Persisting Challenges**  
*Chair: Scott Hofer*
- 13:30-13:45      **Closing remarks**  
Scott Hofer, University of Victoria, Canada
- 13:45 -14:00      **Take away lunch**

14:00 prompt

**Coaches depart to Cambridge City Centre and Train Station,  
Stansted Airport via Heathrow Airport**