

MELODEM 2015 Progress Meeting July 6th and 7th, Ermenonville, France



JULY 6th 2015

10.00 am – 10.05 am **Welcome and meeting goals**
Carole Dufouil - INSERM U897, Bordeaux University/ISPED, France

SELECTION / COMPETING RISKS

CHAIR: RACHEL WHITMER, KAISER PERMANENTE NORTHERN CALIFORNIA DIVISION OF RESEARCH, OAKLAND, USA

10.05 am – 10.25 am **Joint modeling for sources of selection**
Michael Griswold - University of Mississippi, USA

10.25 am – 10.40 am **Discussion**

10.40 am – 11.00 am **Simulation Study as a Platform for understanding Competing Risk**
Elizabeth Rose Mayeda - University of California, USA

11.00 am – 11.15 am **Discussion**

11.15 AM – 11.30 AM BREAK

SELECTION

CHAIR: GIANCARLO LOGROSCINO, UNIVERSITY OF BARI ALDO MORO, ITALY

11.30 am – 11.50 am **Impact of clinic visit versus home visits on risk factor estimates**
Paul Crane - University of Washington, Seattle, USA

11.50 am – 12.05 pm **Discussion**

12.05 pm – 12.25 pm **How could potential selection bias impact the analysis of correlates of cerebrospinal fluid biomarkers? The Memento Cohort**
Geneviève Chêne & Carole Dufouil - INSERM U897, Bordeaux University/ISPED, France

12.25 pm – 12.40 pm **Discussion**

12.40 PM – 2.15 PM LUNCH



MELODEM 2015 Progress Meeting July 6th and 7th, Ermenonville, France



JULY 6th 2015

TEMPORAL TRENDS IN DEMENTIA INCIDENCE

CHAIR: KAREN LEFFONDRÉ, INSERM U897, BORDEAUX UNIVERSITY – ISPED, FRANCE

- 2.15 pm – 2.35 pm **Time trends and historical context - Implications for dementia prevalence**
Ingmar Skoog - University of Gothenburg, Sweden
- 2.35 pm – 2.50 pm **Discussion**
- 2.50 pm – 3.10 pm **Temporal Trends in dementia incidence in the Framingham study**
Sudha Seshadri - Boston University, USA
- 3.10 pm – 3.25 pm **Discussion**

GENERAL DISCUSSION ON MELODEM FUTURE

CHAIR: GENEVIÈVE CHÊNE, INSERM U897, BORDEAUX UNIVERSITY – ISPED, FRANCE

- 3.25 pm – 4.00 pm **Discussants**
Maria Glymour - University of California, San Francisco, USA
Carole Dufouil - INSERM U897, Bordeaux University/ISPED, France

4.00 PM – 4.30 PM **BREAK**

SELECTION / COMPETING RISKS

CHAIR: SUDHA SESHADRI, BOSTON UNIVERSITY, USA

- 4.30 pm – 4.50 pm **Deaths during follow-up and causal models: some further thoughts**
David Clayton - University of Cambridge, UK
- 4.50 pm – 5.05 pm **Discussion**
- 5.05 pm - 5.25 pm **Illness-death processes, 'semi-competing risks' and ageing research**
Niels Keiding - University of Copenhagen, Denmark
- 5.25 pm – 5.40 pm **Discussion**
- 5.40 pm – 6.00 pm **Comparing GEE, weighted GEE and mixed model for longitudinal data when the follow-up is truncated by death"**
Hélène Jacqmin-Gadda - INSERM U897, Bordeaux University/ISPED, France
- 6.00 pm – 6.15 pm **Discussion**
- 8:00 pm **Dinner**



MELODEM 2015 Progress Meeting July 6th and 7th, Ermenonville, France



JULY 7th 2015

MEASUREMENT

CHAIR: ARCHANA SINGH MANOUX, INSERM U1018, VILLEJUIF, FRANCE

- 9.15 am – 9.35 am **Using latent variable methods for measurement harmonization**
Alden Gross - Hopkins School of Public Health, Baltimore, USA
- 9.35 am – 9.50 am **Discussion**
- 9.50 am – 10.10 am **What should we use to assess cognitive decline and its predictors: Composite scores or multivariate approaches?**
Cécile Proust-Lima - INSERM U897, Bordeaux University/ISPED, France
- 10.10 am – 10.25 am **Discussion**

10.25 AM – 10.45 AM BREAK

EXPOSURES AND CONFOUNDING

CHAIR: GIOLA SANTONI, KAROLINSKA INSTITUTE, STOCKHOLM, SWEDEN

- 10.45 am – 11.05 am **Simulation Study of Alternative Treatment Classification Methods**
Melinda Power – University of Washington, Washington, USA
- 11.05 am – 11.20 am **Discussion**
- 11.20 am – 11.40 am **Time varying medication use of Anti-Cholinesterase Inhibitors in NACC**
Jennifer Weuve – Rush University Medical Center, Chicago, USA
Sarah Monsell - NACC/University of Washington, Seattle, USA
- 11.40 am – 11.55 pm **Discussion**

12.00 PM – 1.45 PM LUNCH



MELODEM 2015 Progress Meeting July 6th and 7th, Ermenonville, France



JULY 7th 2015

NEUROPATHOLOGY

CHAIR: DANIEL FAREWELL, CARDIFF UNIVERSITY, UK

1.30 pm – 1.50 pm **The association of pathology patterns and dementia risk: with and without imputing pathology data**

Hiroko Dodge – Oregon Health & Science University and University of Michigan, USA

1.50 pm – 2.05 pm **Discussion**

2.05 pm – 2.25 pm **Methodological Challenges Linking Neuropathology to Cognitive Decline Prior to Death**

David Bennett - Rush University, Chicago, USA

2.25 pm – 2.40 pm **Discussion**

2.40 PM – 3.00 PM **BREAK**

GENETIC AND MENDELIAN RANDOMIZATION

CHAIR: DAVID CLAYTON, UNIVERSITY OF CAMBRIDGE, UK

3.00 pm – 3.20 pm **Biological Clocks: The Genetics and Epigenetics of Ageing**

Riccardo Marioni - University of Edinburgh, Scotland

3.20 pm – 3.35 pm **Discussion**

3.35 pm – 3.55 pm **Mendelian Randomization/Genetic IV for Confounding**

Maria Glymour - University of California, USA

3.55 pm – 4.10 pm **Discussion**

4.10 pm – 4.30 pm **Closing discussion priorities for the coming year**

Maria Glymour - University of California, San Francisco, USA

Carole Dufouil - INSERM U897, Bordeaux University/ISPED, France

