

MELODEM – 2014 PROGRESS MEETING, PARIS

THURSDAY, 22 MAY AND FRIDAY, 23 MAY

May 22nd, 2014

2 :00 PM

Welcoming

PHILIPPE AMOUYEL-FONDATION PLAN ALZHEIMER, FRANCE

2 :05 PM

Meeting goals

CAROLE DUFOUIL-INSERM, BORDEAUX, FRANCE & MARIA GLYMOUR- UC SAN FRANCISCO, USA

SELECTION/COMPETING RISKS

CHAIRS : DAVID BENNETT- RUSH UNIVERSITY MEDICAL CENTER, CHICAGO & ERIC TCHETGEN TCHETGEN- HARVARD SCHOOL OF PUBLIC HEALTH, BOSTON, USA

2 :10 PM

Summary of Group Progress on Defining Estimand of Interest,

M MARIA GLYMOUR-UC SAN FRANCISCO, USA

2 :40 PM

Minority Report on Estimand of Interest,

DAVID CLAYTON-CAMBRIDGE UNIVERSITY , UK & NIELS KEIDING-COPENHAGEN UNIVERSITY, DENMARK

3 :10 PM

Simulation Study as a Platform for understanding Competing Risks,

ELIZABETH ROSE MAYEDA-UC SAN FRANCISCO, USA

3 :40 PM

DISCUSSION

4 :00 PM

COFFEE BREAK

4 :20 PM

Assessing and correcting for recruitment biases in a population-based sMRI pilot study

JOYCE CHANG- UNIVERSITY OF PITTSBURGH, USA

4 :50 PM

Accounting for competing risk of mortality using Fine-Gray methodology in the analysis of incident dementia in the Framingham Study: Implementation of the SAS PSHREG macro,

SARAH PREIS- BOSTON UNIVERSITY, USA

5 :20 PM

General discussion and next steps of selection working group

6 :00 PM

END OF FIRST DAY

8 :00 PM

DINNER

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ONGOING TOPICS OF INTEREST IN MELODEM

CHAIRS : CAROLE DUFOUIL-INSERM, BORDEAUX, FRANCE & SHANE PANKRATZ, MAYO CLINIC, ROCHESTER, USA

- 9 :00 AM **Utility of Instrumental variables for dementia research**
ERIC TCHETGEN TCHETGEN-HARVARD SCHOOL OF PUBLIC HEALTH, BOSTON, USA
- 9 :30 AM **Estimation of ROC curve with right censored data and competing risks for time-dependent marker,**
HÉLÈNE JACQMIN-GADDA, INSERM, BORDEAUX, FRANCE
- 10 :00 AM **Time-varying exposures and confounders: Minute consequences? Second thoughts for the coming year**
JENNIFER WEUVE, RUSH UNIVERSITY MEDICAL CENTER, CHICAGO, USA
- 10 :30 AM **COFFEE BREAK**
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MULTI-DIMENSIONAL DATA

CHAIRS: PHILIPPE AMOUYEL-INSERM, LILLE, FONDATION PLAN ALZHEIMER, FRANCE & STÉPHANIE DEBETTE, PARIS XII UNIVERSITY, FRANCE

- 11 :00 AM **Epigenetic analysis of DNA methylation and cognitive decline and mortality**
RICCARDO MARIONI-UNIVERSITY OF EDINBURGH, SCOTLAND
- 11 :30 AM **Omics data and dementia risk**
SUDHA SESHADRI- BOSTON UNIVERSITY, USA
- 12 :00 PM **GENERAL DISCUSSION AND NEXT STEPS OF MULTIDIMENSIONAL WORKING GROUP**
- 12 :15 PM **LUNCH**
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MEASUREMENTS

CHAIRS : SCOTT HOFER-VICTORIA UNIVERSITY, CANADA & CÉCILE PROUST-LIMA-INSERM, BORDEAUX, FRANCE

- 2 :00 PM **Summary of discussions and issues**
MARIA GLYMOUR-UC SAN FRANCISCO, USA
- 2 :15 PM **Hop, Skip, or Jump: How should we model practice effects in longitudinal studies of cognitive decline?**
MELINDA POWER-JOHN HOPSKINS SCHOOL OF PUBLIC HEALTH, BALTIMORE, USA
- 2:45 PM **Contribution of Incident AD to mortality in the USA**
DAVID BENNETT- RUSH UNIVERSITY MEDICAL CENTER, CHICAGO, USA
- 3 :15 PM **GENERAL DISCUSSION AND NEXT STEPS**
- 3:30 PM **COFFEE BREAK**

FUTURE OF MELODEM & CONCLUSIONS

CHAIR : GENEVIÈVE CHÊNE-INSERM, BORDEAUX UNIVERSITY, FRANCE & SUDHA SESHADRI, BOSTON UNIVERSITY

- 4 :00 PM **Next steps for Melodem**
MARIA GLYMOUR-UC SAN FRANCISCO, USA & CAROLE DUFOUIL-INSERM & BORDEAUX UNIVERSITY, FRANCE
- 4 :30 PM **DISCUSSION**
- 5:00 PM **Conclusions**
CAROLE DUFOUIL-INSERM, BORDEAUX UNIVERSITY, FRANCE & MARIA GLYMOUR-UC SAN FRANCISCO, USA
- 5 :15 PM **END OF MEETING**