

Prospects and limitations of very large cohort studies

May 17th -19th 2006

Abbaye des Vaulx de Cernay, France

Scientific committee

Annick Alperovitch, France

David Clayton, UK

Pierre Ducimetière, France

Carole Dufouil, France

Rebecca Fuhrer, Canada

Albert Hofman, The Netherlands

Lenore Launer, USA

Alfred Spira, France

Meeting location : Le Pavillon 1900

Wednesday 17th May 2006

2.00 pm – 4.00 pm Registration

4.00 pm – 4.30 pm Meeting opening

Christian Bréchet, General Director, Institut National de la Santé et de la Recherche Médicale (INSERM), Paris, France

Rationale and objectives of the symposium

Annick Alperovitch, Paris, France

Carole Dufouil, Paris, France

4.30 pm – 5.00 pm Historic perspective of cohorts

Alfredo Morabia, Genève, Suisse

5.00 pm – 5.20 pm UK biobank

Paul Burton, Leicester, UK.

5.20 pm – 5.40 pm China Kadoorie Project

Zhengming Chen, Oxford, UK

5.40 pm – 6.15 pm Discussion

Chairs : *Annick Alperovitch & Carole Dufouil*

8 pm

Dinner – Salle des Moines

Thursday 18th May 2006

SESSION 1. GENETICS

Chairs : *Laurent Abel, Paris, France*
John Ioannidis, Ioannina, Greece

- 8.30 am – 9.00 am Is there role for large prospective cohort studies in genetic epidemiology?
David Clayton, Cambridge, UK
- 9.00 am – 9.30 am Genetic variability and common diseases - marginal associations and the various levels of interaction
François Cambien, Paris, France
- 9.30 am – 9.45 am Discussant
George Davey-Smith, Bristol, UK
- 9.45 am – 10.00 am Discussion

10.00 am – 10.30 am Coffee break

SESSION 2. CANCER

Chairs : *Valerie Beral, Oxford, UK*
Denis Hémon, Villejuif, France

- 10.30 am – 11.00 am The Multiethnic Cohort: Epidemiology and Genetics
Brian Henderson, Los Angeles, USA
- 11.00 am – 11.15 am Discussant
Hans-Olov Adami, Stockholm, Sweden
- 11.15 am – 11.30 am Discussion**

Thursday 18th May 2006

SESSION 3. CARDIOVASCULAR DISEASES

Chairs : *Moyses Sklo*, Baltimore, USA
Joel Menard, Paris, France

11.30 am – 12.00 pm Which place for new coronary heart disease cohorts ?
Pierre Ducimetière, Villejuif, France

12.00 pm – 12.15 pm Discussant
Lewis Kuller, Pittsburgh, USA

12.15 pm – 12.30 pm Discussion

12.30 pm – 1.30 pm Lunch – Salle des chasses

1.30 pm – 2.45 pm Guided visit of the Abbaye

SESSION 4. DIABETES

Chairs : *William Knowler*, Phoenix, USA
Vilmundur Gudnason, Reykjavik, Iceland

2.45 pm – 3.15 pm Principles of large cohort studies in diabetes: outcome versus exposure
Jaakko Tuomilehto, Helsinki, Finland

3.15 pm – 3.30 pm Discussant
Nick Wareham, Cambridge, UK

3.30 pm – 3.45 pm Discussion

SESSION 5. INFECTIOUS DISEASES

Chairs : *Alfred Spira*, Le Kremlin-Bicêtre, France
Lisa Jacobson, Baltimore, USA

3.45 pm – 4.15 pm Large cohorts, infections and infectious diseases
Paul Fine, London, UK

4.15 pm – 4.30 pm Discussant
Roel Coutinho, Bilthoven, The Netherlands

4.30 pm – 4.45 pm Discussion

4.45 pm – 5.15 pm Coffee break

Thursday 18th May 2006

SESSION 6. NEUROLOGICAL DISEASES

Chairs : *Walter Rocca, Rochester, USA*
Christophe Tzourio, Paris, France

5.15 pm – 5.45 pm The brain - what do we need to cross the blood brain barrier?
Lenore Launer, Bethesda, USA

5.45 pm – 6.00 pm Discussant
Carol Brayne, Cambridge, UK

6.00 pm – 6.15 pm Discussion

SESSION 7. MENTAL HEALTH

Chairs : *Rebecca Fuhrer, Montreal, Canada*
Lee Robins, St. Louis, USA

6.15 pm – 6.45 pm Large pregnancy/birth cohort studies of psychiatric disorders
Ezra Susser, New-York, USA

6.45 pm – 7.00 pm Andrew Pickles, Manchester, UK
Discussant

7.00 pm – 7.15 pm Discussion

8.30 pm *Dinner – Salle des chasses*

Friday 19th May 2006

SESSION 8. SOCIAL EPIDEMIOLOGY

Chairs : John Frank, , Toronto, Canada
George Kaplan, Ann Arbor, USA

8.30 am – 9.00 am In the eye of the storm: integrating social epidemiologic findings with experimental studies
Lisa Berkman, Boston, USA

9.00 am – 9.15 am Discussant
John Lynch, Montreal, Canada

9.15 am – 9.30 am Discussion

SESSION 9. PAEDIATRIC

Chairs : Jacqueline Clavel, Paris, France
Gérard Bréart, Paris, France

9.30 am – 10.00 am The "Thick" and "Thin" of Pregnancy/Child Cohort Studies: Balancing Originality, Feasibility, and Affordability
Michael Kramer, Montreal, Canada

10.00 am – 10.15 am Discussant
Camilla Stoltenberg, Oslo, Norway

10.15 am – 10.30 am Discussion

10.30 am – 11.00 am Coffee break

SESSION 10. LIFE COURSE EPIDEMIOLOGY

Chairs : David Leon, London, UK
Henri Leridon, Le Kremlin-Bicêtre, France

11.00 am – 11.30 am The National Children's Study: Lessons and challenges in constructing a large multi-life stage cohort
Peter Scheidt, Bethesda, USA

11.30 am – 11.45 am Discussant
Diana Kuh, London, UK

11.45 pm – 12.00 am Discussion

Friday 19th May 2006

12.00 am – 13.30 pm Lunch – Salle des chasses

CLOSING SESSION

Chairs : *Annick Alperovitch, Paris, France*
Jan Vandenbroucke, Leiden , The Netherlands

1.30 pm – 1.50 pm Beyond the Case-Control Study: Designs and Analyses for Sampling from Large Cohorts
Norman Breslow, Seattle, USA

1.50 pm – 2.10 pm Making the Most of Large Cohort Studies: Multiple Endpoints and Open Access to Data
Teri Manolio, Bethesda, USA

2.10 pm – 2.30 pm Ethical concerns in doing long term follow up studies of pregnancy cohorts
Jorn Olsen, Los Angeles, USA

2.30 pm-3.00 pm DISCUSSION

3.00 pm – 3.30 pm From Frost onwards - the future of cohort studies
Albert Hofman, Rotterdam, The Netherlands

3.30 pm – 4.25 pm DISCUSSION

4.25 pm – 4.30 pm MEETING CLOSURE