

GENETIC TRANSFER and MODERN PHYLOGENY
A tribute to Elie Wollman.

Program

CIS, Institut Pasteur Paris
October 2, 2009

9.00 - 9.15 **Introduction** A word from the Direction of the Institut Pasteur

Session 1: Historical accounts (chair: G. Cohen, Richard D'Ari)

9.15 – 9.50 Charles Galperin: Elie Wollman and the genetic determinism of lysogeny

9.50 -10.25 Michel Morange: Elie Wollman: From prophages to episomes

10.25-10.45 A word from François Jacob
Results from the STAPA contest

Coffee break

Session 2: The nature of viruses (chair: Luiz Pereira da Silva, David Prangishvili)

11.05- 11.50 Max Gottesman: Le charme discret du bactériophage lambda

11.50 - 12.25 Patrick Forterre: What is a virus?

Lunch for registered participants ; exhibition.

Session 3: Gene transfer and phylogeny (chair: Ariane Toussaint, Didier Mazel)

15.00 - 15.35 Simonetta Gribaldo:
Phylogeny of prokaryotes. Does it exist and why should we care?

15.35 - 16.00 Elisabeth Carniel: A new version of Hfr transfer?

16.00 - 16.30: Short presentations on other specific cases: Philippe Glaser (*Streptococcus agalactiae*), Carmen Buchreiser (*Legionella pneumophila*) and Bernard Dujon (yeast)

Coffee break

Session 4: From single colonies to single molecules (chair: Vittorio Luzzati, Marc Dreyfus)

16.50 - 17.25 Jean-François Allemand: DNA traffic: Mechanical approaches on single molecules

Session 5: Conjugation and recombination: Where do we stand? (chair J. Weissenbach, F. Boccard)

17.25 - 18.10 Miro Radman: Watching bacterial mutation, recombination and conjugation in real time

18.10 -18.20 **Conclusions:** H.Buc