

1st meeting of
ICEPH

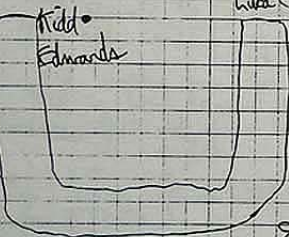
Paris

October 20, 1984

at

11 Rue de Université
(Fondation Hergot)

7 Robinson
• Mandel
Kosken
• Phillips
• Williams
7 Davison
Lohrman
• Winters



Friedberg
Danzon
Gohm
Whitman

Language: English

9:00
AM

Intro: by Danzette
89 normal families.

- Size of family

Batalon - the bigger the better.

6 or more children

- with new probes

1 or more loci

This question can be answered
nicely with families which include
grandparents

Caball - Sponza - for linkage diseq.

- many smaller families are
better. IT'S the parents that
need to be defined here.

sketch - need more meioses
to establish order. Not neg.
for great linkage. Do approach:
help? Not much if there are
enough children.

Lohrman - grandsons:

1. Phase
2. Haplotype for multiple loci
3. Paternity

From the
notebook of
Duke Gott

LOD \uparrow .3 (log 1/2) = gd parents

Guzella — Venez/ HD family
Canada has some of their members

Skelnick — ethnic problem = Venezuelans

Birt-Care = Utah
Norman-Care = French

Cann — how many fam. will lab do?

Dausset — "lets choose 20 families."

Car-Of — It should be possible to establish
the inf. content of specific fam

White — need many fam. for some probes
DNA is being examined with
understanding that all fam. be studied
= a particular probe

Dausset — how many fam. need to be
informative?

Labouel — depends on freq. of polymorph

Cohen — screw-top vials
2-300 μ g per person
Variation in loci will be 5%

Simscales — Tag digests difficult with
DNAP from non-nuclei preps

Botstein — Will LCLS be available? ²³
Cohen — probably, perhaps a change

Dausset — Serum in RBC on all
fam members

Cohen — 50 individuals per month.
30 families by 6/85
10 mg from 30 families

Labouel — 200 μ g to some? ^{1st year}
50 μ g to others ^{for occa}
What information to provide? ^{base}

Botstein/White — -20°C is not good.
-70° or 4° better

Do not dry EthOH gpts.
But keep them sterile.
Chloroform not necessary

White — informative = 1 parent heterozyg

Data exchange — 2 data bases. latest
time to notify CEPH
is at time of publication

Clones
Nomenclature — ECORT
Enzymes

Plasmid — RW1.1 Call Yale for #
when chr. known

Coord. = Yale Gene Mapping Lab.

File structure — CEPH will keep track of who enters the data.

PC XT is OK.

Label HP 9000 500 Series

Will send a template system within 2 weeks.

25 fam have HP data that could be used as test file

Communicating data —

No tapes.

Floppy disk.

- 1 - Ped file
- 2 - Label Emz file
- 3 - Data

Alleles named on basis of haplotype data.

Never rename an allele.
1 = wild type if not already named.

Publication — report on floppy disk
↘ automatic to Yale
Editor will already have it reviewed.

"Disease Markers"

"Genetic Epidemiology" — short communication template-format

Repository for good probes —

Ethnic LCL pool — ? next workshop

Old Amish 4 cdp } all markers done
2 parents }
12 kids } LCLs

Parental DNA 200 µg coming first
Then full fam. incl parents again

Next meeting —

August
at Helsinki Gene Mapping Meeting