

PhyloGroup IV

South Wing Council Room, UCL

Friday 21 October 2005

Organisers: Ziheng Yang (z.yang@ucl.ac.uk) and Nick Goldman (goldman@ebi.ac.uk)

Directions: <http://abacus.gene.ucl.ac.uk/phylogroup/phylogroup.html>

Timetable

- 9:44–9:45 Ziheng Yang
Welcome
- 9:45–10:15 Michael Roskopf (Computing Düsseldorf)
Neutral models for evolution of gene expression
- 10:15–10:30 Polly Walker (Zoology Oxford)
Differences in selection pressures associated with disease progression and viral infectivity in HIV-1 subtype C infected infants
- 10:30–10:45 Philippe Lemey (Zoology Oxford)
Bayesian backbone analysis of HIV intrahost evolution
- 10:45–11:15 T-COFFEE BREAK
- 11:15–11:45 Bui Quang Minh (Computing Düsseldorf)
pIQPNNI: hybrid parallel reconstruction of large phylogenies with MPI/OpenMP
- 11:45–12:15 Rick Desper (Biology UCL)
FastME: a very fast distance-based phylogeny reconstruction program
- 12:15–13:45 LUNCH
- 13:45–14:15 Maria Anisimova (Biology UCL)
Corrections for multiple hypotheses testing: application to likelihood ratio tests to detect positive selection at individual branches and sites
- 14:15–14:45 Tim Massingham (EBI Hinxton)
Multiple testing in the detection of selection
- 15:00–15:30 T-COFFEE BREAK
- 15:30–15:45 Fabio Pardi (EBI Hinxton)
Species choice for comparative genomics
- 15:45–16:15 Beth Shapiro (Zoology Oxford)
Why to avoid analysing ancient DNA sequences (unless you have a lot of them)
- 16:15–16:45 Richard Goldstein (NIMR Mill Hill)
Ancestral reconstruction and phylogenetic optimism—was the past really so much better?
- 16:45–16:55 Discussions (future meetings, restriction of size, change of format, etc.?)

LIST OF PARTICIPANTS, PHYLOGROUP IV

South Wing Council Room, UCL, 21 October 2005

Hinxton (EBI)

Nick Goldman <goldman@ebi.ac.uk>
Ari Loytynoja <ari@ebi.ac.uk>
Simon Whelan <simon@ebi.ac.uk>
Carolin Kosiol <kosiol@ebi.ac.uk>
Lee Bofkin <leebofkin@gmail.com>
Fabio Pardi <pardi@ebi.ac.uk>
Tim Massingham <tim.massingham@ebi.ac.uk>

Oxford (Zoology & Statistics)

Robert Belshaw <robert.belshaw@zoo.ox.ac.uk>
Liz Chare <liz.chare@zoo.ox.ac.uk>
Tulio de Oliveira <tulio.deoliveira@zoo.ox.ac.uk>
Anna Duda <anna.duda@clinical-medicine.oxford.ac.uk>
Aris Katzourakis <aris.katzourakis@zoo.ox.ac.uk>
Philippe Lemey <philippe.lemey@zoo.ox.ac.uk>
Joe Parker <joe.parker@zoology.oxford.ac.uk>
Oliver Pybus <oliver.pybus@zoo.ox.ac.uk>
Andrew Rambaut <andrew.rambaut@zoo.ox.ac.uk>
Laura Shackelton <laura.shackelton@new.oxford.ac.uk>
Beth Shapiro <beth.shapiro@zoo.ox.ac.uk>
Polly Walker <polly.walker@zoo.ox.ac.uk>

Naila Mimouni <naila.mimouni@brasenose.oxford.ac.uk>
Stephen McCauley <stephen.mccauley@wolfson.oxford.ac.uk>

London

Maria Anisimova <manisimova@hotmail.com>
Dave Dale <ucbpdcd@ucl.ac.uk>
Jessica Vamathevan <ucbtjva@ucl.ac.uk>
Richard Emes <r.emes@ucl.ac.uk>
Rick Desper <r.desper@ucl.ac.uk>
Ziheng Yang <z.yang@ucl.ac.uk>

Robert Gifford <r.gifford@ucl.ac.uk> (Centre for Virology, Royal Free & UC Medical School)

Peter Foster <p.foster@nhm.ac.uk> (NHM)
Cymon Cox <cy@cymon.org> (NHM)

Richard Goldstein <richard.goldstein@nimr.mrc.ac.uk>
Ben Blackburne <Ben.Blackburne@nimr.mrc.ac.uk>
Anna Chernova <Anna.Chernova@nimr.mrc.ac.uk>

University of East Anglia (Computing Science)

Katharina Huber <katharina.huber@cmp.uea.ac.uk>
Martin Lott <martin.lott@uea.ac.uk>
Vincent Moulton <vincent.moulton@cmp.uea.ac.uk>

Duesseldorf (Computing Science)

Michael Roskopf <rosskopf@cs.uni-duesseldorf.de>
Bui Quang Minh <minh@cs.uni-duesseldorf.de>
Nicole scherer <scherer@cs.uni-duesseldorf.de>