

**Genomics-Bioinformatics Day on "Pathogens, Molecular Evolution and Bioinformatics" October Thursday 9th 2003
1PM in the Medawar Building in the Seminar Room on floor
30.**

April 24th we had a very successful day on "Comparative Genomics" that brought together researchers within Oxford. It caused a lot of exchange of ideas and awareness of common interests and possibilities for collaboration.

We will now continue this with a day arranged by Jotun Hein and Eddie Holmes with the focus on Pathogens, Molecular Evolution and Bioinformatics. It is our intention to have such a half day beginning of each term. The day will be dedicated to an interesting topic and will also be used to announce Genomics/Bioinformatics in the following term: seminars, study group and other meetings. A topic for the next half day could be "Bioinformatics, Computational and Mathematical Biology" in late January 2004.

General Methodology

Holmes: "Bioinformatics Problems for Microbial Pathogens"

Hein: "Models of viral evolution involving multiple constraints"

Drummond: "Bayesian evolutionary inference of RNA viruses"

Viruses 2PM-3 PM

Philip Goulder: "HIV evolution: CTL escape mutation and reversion following transmission."

Paul Klenerman: "Viral variation, immune escape and viral persistence"

Coffee Break 3PM-3.30 PM

Prokaryote Pathogens 3.30-5 PM

Martin Maiden: "Impact of bioinformatics on the control of bacterial pathogens"

Daniel Falush: "Characterising bacterial population subdivision"

Dawn Field: "Contingency Loci in Pathogenic Bacteria"

General Discussion & possibly "The Turf".