

Bioinformatics for Cytogeneticists and Molecular Geneticists

9 – 10 September 2008

The Nowgen Centre
29 Grafton Street
Manchester, M13 9WU

This two day interactive workshop addresses the need for training for scientists in light of the increasing use of computers in the molecular and cytogenetics laboratory.

It will help you:

- Understand basic computer concepts
- Familiarise yourself with coding standards used for genetics data
- Gain experience in using the major internet resources available for genetics
- Understand how bioinformatics can be used in your work

On day 1 we will look at core concepts and resources such as operating systems, current technologies, system architecture, standards for representing and storing genetic data and some of the major genetics databases and tools. These sessions will be applicable to both molecular and cytogeneticists. Parallel sessions will cater for the specialised training needs of each discipline by providing practical experience of relevant databases and tools.

On day 2 parallel sessions – to include missense analyses and array CGH and DECIPHER studies - will allow molecular and cytogeneticists to apply the tools and techniques from the first day in practical case studies aimed at each discipline.

The course will be run by Nowgen in partnership with the National Genetics Reference Laboratories in Manchester and Wessex and the Sanger institute.

Cost: £200 for 2 days. Lunch and refreshments included. Course fee does not include overnight accommodation. A list of nearby hotels, together with further course information, will be sent to participants upon receipt of booking.

Course enquires to Dr Mark Leech, email mark.leech@cmmc.nhs.uk

To book: Contact the events team at Nowgen on 0161 276 5956
email: bookings@nowgen.org.uk
online: www.nowgen.org.uk/events