



## Faculty Positions and Career Development Fellowships

The Wellcome Trust Sanger Institute invites applications from outstanding individuals to lead programmes across the breadth of its scientific strategy. The Institute has 4 broad research themes – human genetics, mouse and zebrafish genetics, pathogen/host genetics and computational genomics – our core technologies, including high throughput sequencing, genotyping and informatics, underpin our global position in these areas. During the coming years we aim to make a major contribution to the understanding of gene function, similar in impact to our role in genome sequencing.

### *Faculty Positions*

We look to our Faculty to provide the vision to establish and lead internationally influential science while giving them access to unparalleled facilities to support the delivery of projects and the generation of data and biological resources on a massive scale. Applications from individuals in the early stages of their research careers and from women are particularly encouraged although we welcome approaches from any scientists with relevant research interests.

### *Career Development Fellowships*

We support the scientific leaders of the future by offering 5 year positions to exceptional postdoctoral and clinical scientists who are seeking to establish independence and lead a research group for the first time, while capitalizing on the Institute's resources to develop their careers. Fellows will typically have between 3 and 6 years postdoctoral experience at the point of application, or, in the case of medical graduates, be of specialist registrar or consultant status.

We are seeking to appoint in the following areas:

### **Mouse and zebrafish genetics**

*(2x Faculty positions – ref 80204, 2x Career Development Fellowships – ref 80206)*

Applicants will have a primary research interest in mouse or zebrafish genetics. The successful candidates will benefit from, and contribute to, the Institute's large-scale mutagenesis programmes including high-throughput production and phenotyping of targeted mouse ES cells, targeted mouse mutants and ENU-induced zebrafish mutants <http://www.sanger.ac.uk/modelorgs/>.

Contact for informal enquiries: Karen Steel [kps@sanger.ac.uk](mailto:kps@sanger.ac.uk)

### **Human genetics**

*(1x Career Development Fellowship – ref 80208)*

Applicants will have a strong clinical or basic science background with a primary research interest in human disease genetics (common or rare mendelian disorder), including functional studies. The successful candidate will be expected to deliver on a research programme in their disease of interest, expanding their own disease collections through building and strengthening collaborative networks with clinical schools and medical faculties. Individuals with good exposure to, and skills associated with, population studies are also encouraged to apply. They will benefit from a scientifically rich and collaborative environment with access to large scale modern sequencing technologies, high throughput state-of-the-art genotyping facilities, local informatics and statistical expertise.

Contact for informal enquiries: Leena Peltonen [lpp@sanger.ac.uk](mailto:lpp@sanger.ac.uk)

### **Computational genomics**

*(1x Faculty position – ref 80205, 1x Career Development Fellowship – ref 80207)*

Applicants will have a strong computational biology background. One possible primary research interest is in computational integrated genomics: with the large scale data collection projects at the Institute, such as 1000 Genomes, WTCCC, targeted mutagenesis in mouse and zebrafish and transcriptomics, the challenge is to connect genotype, transcription and function. The successful candidates will benefit from the Sanger's very substantial informatics resources and the strong interactions with the European Bioinformatics Institute, computational research groups at the University of Cambridge and the Cambridge Microsoft Research Institute.

Contact for informal enquiries: Tim Hubbard [th@sanger.ac.uk](mailto:th@sanger.ac.uk)

**For further information and details on how to apply, go to: <http://www.sanger.ac.uk/careers/>. General queries can be directed to [facultysearch@sanger.ac.uk](mailto:facultysearch@sanger.ac.uk)**

**Application deadline: 7 November 2008**