

PhD in Functional and Structural Genomics at SISSA in Trieste

One PhD position will be awarded to work on a project coordinated by Professor Stefano Gustincich in collaboration with Remo Sanges to study transposons activity and polymorphisms in metazoan and their implication in the evolution of complexity and neurodegenerative diseases.

We are looking for someone who understands basic biological and evolutionary problems and is able to independently accomplish bioinformatics tasks. Candidates will be expected to have knowledge of biology, transposable elements, population genetics and functional genomics, to demonstrate the ability to work in a UNIX/Linux environment and to be familiar with a scripting language (e.g. Perl/Python) and a statistical programming environment (e.g R). Previous experience with next generation sequencing, comparative genomics and genomics databases as well as an understanding of statistical methods used in the interpretation of biological data is a desirable asset.

Deadline for the applications: 15/09/2017

Announcement and instructions to apply can be found at the following link:

<http://bit.ly/2tYCeZD>

SISSA, the International School for Advanced Studies is a scientific center of excellence within the international academic scene. Located in Italy, in the city of Trieste, it features 82 professors, 97 post-docs, 283 PhD students and 114 administrative staff. The three main research areas of SISSA are Physics, Neuroscience and Mathematics. Within the competitive field of European funding schemes SISSA holds the top position among Italian scientific institutes in terms of research grants obtained in relation to the number of researchers and professors. As for the National assessment of research quality involving all Universities and scientific institutes, SISSA holds the fourth position in the national ranking and the first among the Northern Italian universities.