



## **3-6 month research project for Bsc- or Msc-students within Life Sciences studies such as BFW, LS&T, BM or (Bio)-Informatics**

### **iGene project**

The German philosopher and artist Karsten Panzer (alias) Perzan ([www.perzan.de](http://www.perzan.de)) has developed a metaphysical visual language called „iGene“. This language enables him to predict protein functioning by interpreting DNA sequences by means of Algorithmen, which are developed by him. In the meantime more than 4.000 genes have been analyzed by Karsten Panzer.

### **Apoptin**

Since several years, Prof. Noteborn is working on apoptosis in general and in particular on the tumor-specific apoptosis protein apoptin. This intriguing field of tumorigenesis versus apoptosis has resulted in collaboration between Noteborn and Panzer PerZan.

*The Arts & Genomics Centre*, based at the Leiden Institute of Chemistry, aims to explore the interactions between and the intersections of art and science. In this respect, *The Arts & Genomics Centre* have regarded the first results of the collaboration project between Noteborn and Panzer PerZan so interesting that an exhibition will be organized on their common at the Symposium entitled „System Visualization“ or the symposium on „Data base Visualization“.

### **Skills**

We are looking for a Bsc- or Msc-student within the field of Life Science who will finalize the first iGene experiments on apoptosis and apoptin under guidance of Karsten Panzer, Prof. Mathieu Noteborn and Anne Kienhuis of *The Arts & Genomics Centre*.

You should be trained within the fields of DNA and protein studies and showing interest in bio-informatics as well as able to make the translation of science towards arts. Knowledge of both the German and English language is essential.

A small reward of 600 Euro can be awarded on top of your regular study points. The project requires permission of your educational officer.

### **Contact:**

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