INNOVATIVE ECONOMY
NATIONAL COHESION STRATEGY

FNP Foundation for Polish Science

EUROPEAN UNION
EUROPEAN REGIONAL DEVELOPMENT FUND

# Stipend offer nr 9/Team/2010

**Position**: PhD students in "Modeling of RNA and protein-RNA complexes: from sequence to structure to function" project

**Number of stipends:** 5

**Institution :** Laboratory of Bioinformatics and Protein Engineering, IIMCB Warsaw

**Maximum period of stipend agreement**: 3,5 years

**Position starts on :** 01.10.2010

**Stipend's amount:** fellowship 3000 zł /month, (not subject to income tax)

**Pension insurance**: yes

**Key responsibilities include:**

1. All candidates will work in close collaboration with experimentalists and bioinformaticians
2. All candidates will be expected to document their research, prepare regular reports, and present the results.

Additionally, depending on the position:

- bioinformaticians/programmers will:

develop computer software and databases
analyze data using in-house and 3rd party methods

- experimental biochemists will:

characterize enzymes acting on RNA, and to study protein-RNA interactions
develop and apply methods of protein and nucleic acid engineering to construct macromolecules with new desired functions

**Profile of candidates**:

1. Essential: Candidates must successfully get into a PhD school by October 1st 2010. Hence, candidates either must be already enlisted into a PhD programme on May 31st 2010 or demonstrate eligibility for admission to PhD studies in Poland for the academic year 2010/2011.
2. Essential: Candidates must be eligible for prof. Bujnicki to become their formal supervisor (and PhD thesis advisor).

3. Essential: Good command of English (written and spoken)
4. Essential: Professional skills such as teamwork, scientific creativity and independent work

Additionally, depending on the position:

- bioinformaticians/programmers:

Essential: documented experience in programming in Python and/or C++
Preferred: knowledge of molecular biology and biophysics, database development, bioinformatics of RNA, structural biology

- experimental biochemists:

Essential: experience in molecular biology and biochemistry of proteins and/or RNA
Preferred: experience in enzymology and/or protein engineering

**Required documents:**

1. CV in English (PDF format)
2. Motivation letter and contacts of at least two potential referees (including at least one former supervisor).

**For more details about the position please visit**: http://genesilico.pl

**Principal Investigator:** Professor Janusz M. Bujnicki

**Address for applications:** iamb@genesilico.pl

**Closing date:** 31.05.2010

Please include in your offer :

"In accordance with the personal data protection act from 29 th August 1997, I hereby agree to process and to store my personal data by the Institution for recruitment purposes".

The granting institution may seek to contact the best candidates only