



INNOVATIVE ECONOMY
NATIONAL COHESION STRATEGY



EUROPEAN UNION
EUROPEAN REGIONAL
DEVELOPMENT FUND



Stipend offer nr 17/Team/2010

Position: Post-doc for a project “Antisense peptide nucleic acids as inhibitors of bacterial translation”

Number of stipends: 1

Institution: Biomolecular Machines Laboratory, Interdisciplinary Centre for Mathematical and Computational Modelling, University of Warsaw

Maximum period of stipend agreement: 3 years

Position starts on: 1.11.2010

Stipend’s amount: net monthly income about 6000 PLN + benefits, where 5000 PLN is a fellowship (not subject to income tax)

Pension insurance: yes

Key responsibilities include:

The main goal of our project is to apply both computational and experimental techniques to design specific nucleic acid derivatives that will target the ribosomal RNA and inhibit bacterial translation. The research is funded as a TEAM project within the Innovative Economy Operational Programme. For more information see <http://bionano.icm.edu.pl>.

Profile of candidates:

Post-doc in experimental and/or theoretical biophysics:

1. with background in biochemistry of proteins and nucleic acids willing to work with RNA (knowledge of spectroscopy such as fluorescence, absorbance, and circular dichroism measurements will be beneficial), **or**
2. with background in computational modeling of biological systems and experience in drug design techniques (programming skills, familiarity with common modeling packages, experience with high-performance computing and the ability to work independently are desirable),
3. with PhD degree in physical or life sciences obtained between Nov 1, 2006 and Oct 31, 2010,

Required documents:

1. CV
2. Cover letter

For more details about the position please visit: <http://bionano.icm.edu.pl/team-project>

Principal Investigator: Joanna Trylska

Address for applications: joanna@icm.edu.pl

Closing date: **15.09.2010**

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