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# Alexander Fleming

Biomedical Sciences Research Center

POSTGRADUATE SCHOLARSHIP PROGRAM

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## Postgraduate Scholarship Program “Exploring Disease Pathways”

B.S.R.C. “Alexander Fleming” promotes Excellence in research areas relevant to the understanding and treatment of human diseases, developing cutting-edge research and technology programs and training scientists in modern aspects of Functional Genomics and Molecular Biology. For 2008, the Center will award highly competitive scholarships to university graduates for pursuing a doctoral degree in one of the following research areas.

### Investigator

Th. Agalioti:  
V. Aidinis:  
D. Graf:  
G. Kollias:  
D. Kontoyiannis:  
V. Kostourou:  
E. Douni:  
G. Panayotou:  
E. Remboutsika:  
H. Santos-Rosa  
S. Siniosoglou:  
E. Skoulakis:  
J. Stroumboulis:  
I. Talianidis:  
A. Hatzigeorgiou:

### Program

Chromatin structure and function  
Molecular and genetic analysis of pathogenetic mechanisms  
Morphogenetic signals in the immune system  
Immunological disease mechanisms and development of therapies  
Post-translational mechanisms in physiology and pathology  
Cell adhesion in angiogenesis  
Discovery of novel therapeutic targets with genetic analysis  
Proteomic analysis of tumorigenic transformation  
Stem cell biology  
The role of chromatin in gene expression  
Nuclear membrane biogenesis  
Molecular mechanisms of learning, memory and neurodegeneration  
Transcription factors in hematopoiesis and leukemia  
Transcriptional regulation of hepatic genes  
Bioinformatics for genome analysis

In order to promote this program, B.S.R.C. “Alexander Fleming” is organizing an open-day for candidates on Tuesday 4 March 2008, 12:00 noon, at the Center’s laboratories (34 Al. Fleming Street, Vari). Please register for this event before 29 February 2008 by e-mail ([fleming\\_info@fleming.gr](mailto:fleming_info@fleming.gr)) or by letter to P.O. Box 74145, Varkiza 16602. Further information for the Center’s activities can be found in our website, [www.fleming.gr](http://www.fleming.gr)

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