

## E.D. Chrygina's colleagues



### **Dr. Fotini-Chryssanthi J. Andreadaki (post doctoral fellow),**

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She obtained her BSc in Biology (1987) and PhD in Biochemistry (1995) from the University of Athens. She worked as a post-doctoral fellow in Greece and abroad where she gained extensive experience in the biochemistry of macromolecules. Her current research activities involve structural studies of glycogen phosphorylase isoenzymes in complex with potential hypoglycaemic agents for the treatment of type 2 diabetes disease. She is also working on the development of new biochemical assays for in vitro assessment/screening of newly synthesized compounds for further studies with the method of structure-based drug design. Her research work is supported by the ARCADE project <http://www.arcade-iopc.eu/Default.aspx?tabid=69&newsid421=120>

### **Dr. Thanassis Tartas (post doctoral fellow),** [tartas@eie.gr](mailto:tartas@eie.gr)

He obtained a BSc in Biology (1991) from the Aristotle University of Thessaloniki, an MSc in Biology (1998) from the University of Crete and a PhD in Chemistry (2009) from the University of Patras. His current research activities are directed in software development and web-based tools for *in silico* computer-aided drug design approaches.



### **Maria Dimarogona, MSc. (PhD student),** [mdimarog@central.ntua.gr](mailto:mdimarog@central.ntua.gr)

She got a degree in Chemical Engineering from the National Technical University of Athens (2004) and did her MSc in Structural and Functional Engineering of Biomolecules (Paris XI-Sud/Paris V). During her MSc she performed "Structural studies on proteins implicated in blood pressure and regulation" under the supervision of Prof. A. Ducruix and Prof. H. van Tilbeurgh. She has been awarded a scholarship by the "Greek State Scholarship's Foundation" for three years postgraduate studies. Since October 2007, she has been registered for a PhD with NTUA and currently works on "Structural and molecular studies of biocatalysts implicated in hemicellulose degradation" in the frame of a collaborative project with Prof. P. Christakopoulos, Biotechnology Lab., School of Chemical Engineering, NTUA. Her main scientific fields of interest involve: protein expression, purification and characterization, protein crystallography and structure/function relationships of xylanase and feruloyl esterase.



**Maria-Despoina Charavgi, MSc. (PhD student), [chem.marianna@gmail.com](mailto:chem.marianna@gmail.com)**

She obtained her BSc in Chemistry (2007) and MSc in Biochemistry (2009) from the University of Athens. During her MSc she was involved in the structure-based design of new hypoglycaemic agents employing glycogen phosphorylase enzyme as molecular target. Her work resulted in two scientific publications. She is currently registered for a PhD with NTUA and works on "Molecular, structural and catalytic studies of novel biocatalysts (hemicelluloses) implicated in biomass degradation", in the frame of a collaborative project with Prof. P. Christakopoulos, Biotechnology Lab., School of Chemical Engineering, NTUA. Her work is supported by the programme HRAKLEITOS II (P.I. P. Christakopoulos)



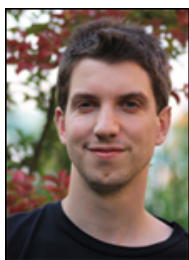
**Aikaterini Chajstamatiou, MSc student, [catherinechaji@gmail.com](mailto:catherinechaji@gmail.com)**

She got a degree in Chemistry (2009) and is currently registered for an MSc in Biochemistry with the University of Athens, Department of Chemistry (Prof. A. Sifaka-Kapadai). Her research project involves kinetic and structural studies of glucose analogues targeting the catalytic site of glycogen phosphorylase. Her current work is in the frame of a collaborative project with Dr. Jean-Pierre Praly and Dr. Sebastien Vidan from the Université Claude-Bernard Lyon 1, France.



**Magda Chegazi, MSc student, [magda\\_che@yahoo.gr](mailto:magda_che@yahoo.gr)**

She got a degree in Chemistry (2008) and is currently registered for an MSc in Biochemistry with the University of Athens, Department of Chemistry (Prof. A. Sifaka-Kapadai). Her research project involves kinetic and structural studies of purine analogues targeting the inhibitor site of glycogen phosphorylase. Her current work is in the frame of a collaborative project with Prof. Thanasis Gimisis, Department of Chemistry, University of Athens.



**Dionisis Markopoulos, MSc student, [dionisis\\_m@yahoo.com](mailto:dionisis_m@yahoo.com)**

He obtained a degree in Physics from the Aristotle University of Thessaloniki (2007) and is currently registered for an MSc with the University of Athens, Department of Informatics & Telecommunications, in the course «Information Technology in Medicine and Biology» (Prof. Elias Manolakos). His research interests focus on the “Development of a Software Application for Handling Protein Crystallization Conditions and Trials”. More:  
[http://itmb.di.uoa.gr/research/res\\_dimosfoit.html#dim1](http://itmb.di.uoa.gr/research/res_dimosfoit.html#dim1)

**Theodora Manoussidou, MSc student, [theodoramanousidou@gmail.com](mailto:theodoramanousidou@gmail.com)**

She obtained a degree in Informatics from the University of Athens (2009) and is currently registered for an MSc with the University of Athens, Department of Informatics & Telecommunications (Prof. Ioannis Emiris). Her research interests are directed on *in silico* studies of glycogen phosphorylase binding sites employing previously developed algorithms.

**Evdoxia Mastroleon, MSc student**

She got a BSc in Informatics University of Piraeus (2008) and is currently registered for an MSc with the University of Athens, Department of Informatics & Telecommunications, in the course «Information Technology in Medicine and Biology» (Prof. Elias Manolakos). Her research interests focus “Development of an Electronic Laboratory Notebook for Structure-based Drug Design” on the development of a computer application to file and organize protein crystallization experiments. More:  
[http://itmb.di.uoa.gr/research/res\\_dimosfoit.html#dim1](http://itmb.di.uoa.gr/research/res_dimosfoit.html#dim1)



**Christoforos Zarkadas, MSc student, [grad0985@di.uoa.gr](mailto:grad0985@di.uoa.gr)**

He got a BSc in Informatics, Department of Telecommunications & Informatics, University of Athens (2008) and is currently registered for an MSc in Theoretical Computer Science at the same department (Prof. Ioannis Emiris). His research focuses on the comparison of known software for modelling studies and ligand docking on glycogen phosphorylase. Personal homepage:  
<http://cgi.di.uoa.gr/~grad0985/>