

CURICULUM VITAE

PERSONAL DATA

Name: Dimitris Tzamarias
Date and Place of birth: April 11, 1962, Zakynthos
Nationality: Greek
Marital Status: Married

EDUCATION - ACADEMIC POSITIONS

1974-1980 High School, Zakynthos.
1980-1984 Department of Pharmacology, Aristotels University of Thessaloniki.
1984-1990 Graduate Studies in the Dept of Biology, University of Crete, under the supervision of Prof. G. Thireos at the Institute of Molecular Biology and Biotechnology of the Foundation for Research and Technology, Heraklion, Crete.
1990-1995 Postdoctoral fellow at the laboratory of Dr. K. Struhl, Dept. of Biological Chemistry and Molecular Pharmacology, Harvard Medical School, Boston, U.S.A.
1996-1999 Assistant Research Professor, Institute of Molecular Biology and Biotechnology Foundation for Research and Technology, Heraklion, Crete.
1999-2002 Associate Research Professor, Institute of Molecular Biology and Biotechnology Foundation for Research and Technology, Heraklion, Crete.
2002-2004.1 Associate Professor of Biology, School of Science and Technology, Hellenic Open University
2004- Research Professor, Institute of Molecular Biology and Biotechnology Foundation for Research and Technology, Heraklion, Crete.
2011- Ass. Professor of Biochemistry, Department of Biology, University of Crete.

PUBLICATIONS

1. **Tzamarias, D.**, Alexandraki, D. and G. Thireos (1986). Multiple cis-acting elements mediate the translational efficiency of GCN4 mRNA in yeast. *Proc. Natn. Acad. Sci. USA* 83: 4849-4853. (IF: 10.3).
2. Thireos, G., Alexandraki, D. and **D. Tzamarias** (1986). Involvement of cis-acting and trans-acting elements in translational regulation. *Journal of Cell. Biochemistry* 10D: 45-46. (IF: 3).
3. **Tzamarias, D.** and G. Thireos (1988). Evidence that the GCN2 protein kinase regulates translational reinitiation by yeast ribosomes. *EMBO J.* 7: 3547-3551. (IF: 10).
4. **Tzamarias, D.**, Roussou, I. and G. Thireos (1989). Coupling of GCN4 mRNA translational activation with decreased rates of polypeptide chain initiation. *Cell* 57: 947-954. (IF: 32.4).
5. **Tzamarias, D.**, Pu, S. W. and K. Struhl (1992). Mutations in the bZIP domain of Yeast Gcn4 that alter the DNA-binding specificity. *Proc. Natn. Acad. Sci. USA* 89: 2007-2011. (IF: 10.3).

6. Kim, J., **Tzamarias, D.**, Ellenberger, T., Harison, S., and K. Struhl (1993). Adaptability at the protein-DNA interface is an important aspect of sequence recognition by bZip proteins. *Proc. Natn. Acad. Sci. USA* 90: 4513-4517. (IF: 10.3).
7. **Tzamarias, D.** and K. Struhl (1994). Functional dissection of the Cyc8-Tup1 transcriptional co-repressor complex in yeast. *Nature* 369: 758-761. (IF: 32.2).
8. **Tzamarias, D.** and K. Struhl (1995). Distinct TPR motifs of Cyc8 are involved in recruiting the Cyc8-Tup1 co-repressor complex to differentially regulated promoters. *Genes & Development* 9: 821-831. (IF: 16.4).
9. Tavernarakis N, Alexandraki D, Liadis P, **Tzamarias D.** and G. Thireos (1996). Gene over-expression reveals alternative mechanisms that induce GCN4 mRNA translation. *Gene* 179: 271-277. (IF: 2.8).
10. Conlan. R. S., Gounalaki, N. Hatzis, P. and **D. Tzamarias** (1999). The Cyc8-Tup1 protein complex can shift from a transcriptional co-repressor to a transcriptional activator. *J Biol. Chemistry* 274:205-210. (IF: 7.66).
11. Papamichos-Chronakis M., Conlan R.S., Gounalaki N., Copf T. and **D. Tzamarias** (1999). Hrs1/Med3 is a Cyc8-Tup1 corepressor target in the RNA polymerase II holoenzyme. *J Biol. Chemistry* 275: 8397-8403. (IF: 7.66).
12. Gounalaki, N., **Tzamarias D.** and M. Vlassi (2000). Identification of residues in the TPR domain of Cyc8 responsible for interaction with the Tup1 protein. *FEBS Letters* 473:37-41. (IF: 3.8). (*Figures from the article was selected as cover page for this issue of the journal*).
13. Conlan R.S. and **D. Tzamarias** (2001). Sfl1 Functions via the co-repressor Ssn6-Tup1 and the cAMP-dependent protein kinase Tpk2. *J. Mol. Biology* 309:1007-1015. (IF: 5.5).
14. Papamichos-Chronakis M, Petrakis T, and **D. Tzamarias** (2001). Functional interplay between the SAGA co-activator and the Ssn6-Tup1 co-repressor on the yeast GAL1 promoter. *Yeast* 18: S91-S91.9. (IF: 2.5).
15. Papamichos-Chronakis, M., Petrakis, T., Ktistaki, E., and **D. Tzamarias.** (2002). Cti6, a PHD domain protein bridges the Cyc8-Tup1 corepressor and the SAGA coactivator to overcome repression at *GAL1*. *Molecular Cell* 9:1297-1305. (IF: 16.8).
16. Fragiadakis G.S., **Tzamarias D.**, and D. Alexandraki. (2003). Ssn6 co-repressor and Nhp6A/B architectural factors are cooperatively responsible for Aft1-mediated transcriptional activation in *Saccharomyces cerevisiae*. *Yeast* 20: S124-S124. (IF: 2.5).
17. Fragiadakis, G.S., **Tzamarias, D.**, and D. Alexandraki (2004). Nhp6 facilitates Aft1 binding and Ssn6 recruitment, both essential for FRE2 transcriptional activation. *EMBO J.* 23:333-342. (IF: 10).

18. Papamichos-Chronakis, M., Gligoris, T., and **D. Tzamarias** (2004). The Snf1 kinase controls glucose repression in yeast by modulating interactions between the Mig1 repressor and the Cyc8-Tup1 co-repressor. *EMBO Rep.* 5:368-372. (IF: 7.6).
19. Topalidou, I., Papamichos-Chronakis, M., Thireos, G., and **D. Tzamarias** (2004) Spt3 and Mot1 cooperate in nucleosome remodeling independently of TBP recruitment. *EMBO J.* 23: 1942-1948. (IF: 10).
20. Gligoris T, Thireos G., and **D. Tzamarias** (2007). The Tup1 co-repressor directs Htz1 deposition at a specific promoter nucleosome marking the GAL1 gene for rapid activation. *Mol Cell Biol.* 11:4198-4205. (IF: 8.1).
21. Zacharioudakis I., Gligoris T. and **D. Tzamarias** (2007). A yeast catabolic enzyme controls transcriptional memory. *Current Biol.*, 17: 23, 2041-2046. (IF: 12).
(Σε αυτό το άρθρο απενεμήθη το «Βραβείο καλύτερου άρθρου της χρονιάς» απο το Κληροδότημα Πανεπιστημίου Αθηνών).
22. Palaiomylitou M, Tartas A, Vlachakis D, **Tzamarias D.** and M. Vlassi (2008). Investigating the structural stability of the Tup1-interaction domain of Ssn6. Evidence for a conformational change on the complex. *Proteins* 70:1,72-82. (IF: 4.4).
23. Zacharioudakis I., and **D. Tzamarias** (2016). A novel CRE recombinase assay for quantification of GAL10-non coding RNA suppression on transcriptional leakage. *Biochem Biophys Res Commun.* 473(4):1191-6. (IF: 2.35).
24. Zacharioudakis I., Papagiannidis D., Gounalaki N., Stratidaki.I, Kafetzopoulos D., and **D. Tzamarias** (2017). Ras mutants enhance the ability of cells to anticipate future lethal stressors. *Biochem Biophys Res Commun.* 482(4):1278-1283. (IF: 2.35).
25. Zacharioudakis I., and **D. Tzamarias** (2017). Bimodal expression of yeast GAL genes is controlled by a long non-coding RNA and a bifunctional galactokinase. *Biochem Biophys Res Commun.* (17)30418-7. (IF: 2.35).
26. Lytras G., Zacharioudakis I., and **D. Tzamarias** (2017). Asymmetric inheritance of the yeast small heat shock chaperon Hsp26 and its functional consequences. *Biochem Biophys Res Commun.* pii: S0006-291X(17)31545-0. doi: 10.1016/j.bbrc.2017. 08.009. (IF: 2.35).
27. Tartas A., Zarkadas C., Palaiomylitou M., Gounalaki N., **Tzamarias D.** and M. Vlassi (2017). Ssn6/Tup1 interaction: Role of the N-terminal glutamine-rich region of Ssn6. *PLOS ONE* 12(10):e0186363. (Corresponding author, IF: 2.9).

Under Sumition:

28. Heliopoulos Y. *et al.* (2017). UnireD: A powerful tool for extraction and/or prediction of protein-protein interactions using Biomedical literature.
29. Ktistaki E., Zacharioudakis I., and **D. Tzamarias** (2018). How a conserved, general transcriptional co-repressor can occupy actively transcribed genes.