

## Short CV

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<i>Name</i>	<b>Angelos Perisynakis</b> Tel.: 26510 08370 or 26510 08726, FAX: 26510 47832, 26510 08799 E-mail: <a href="mailto:aperisin@cc.uoi.gr">aperisin@cc.uoi.gr</a>
<i>Position, Institution</i>	Assistant Professor, Department of Chemistry, University of Ioannina, Greece.
<i>Graduate studies</i>	Diploma of Chemistry (Department of Chemistry, University of Athens, Greece), 1981 and diploma in wine expertation (1982).
<i>Postgraduate studies</i>	PhD (Department of Chemistry, University of Ioannina, Greece), 1992
<i>Postdoctoral research</i>	For long time research in Microbial Biochemistry and Biotechnology.
<i>Specific knowledge in the subject. Knowledge in the use of the new technologies</i>	Microbial Biochemistry and Biotechnology. Especially: Isolation, identification and study of wine yeasts, extremophilic microorganisms and microorganisms degrading organic wastes, proteomic and genomic analysis (identification of the products of enzymatic activities with GC-MS technology, protein electrophoresis one or two dimensions, nucleic acids electrophoresis, PCR, RT-PCR). Reporter genes, heterologous gene expression.
<i>Experience from participation in research projects</i>	Participant in 8 national or european research projects and in one of them as scientific coordinator.
<i>Total number of publications</i>	12 publications and one patent in the subject of biochemistry and over 50 presentations in national (Greek) or in international congresses.
<i>Total number of citations</i>	38
<i>Five publications in the subject of the project (two of them into the last tree years) and corresponding citations</i>	<ol style="list-style-type: none"> <li>1. Perysinakis, A., Kinghorn, J.R. and Drainas, C. (1994). Biochemical and genetical studies of NADP-specific glutamate dehydrogenase in the fission yeast <i>Schizosaccharomyces pombe</i>. <i>Current Genetics</i> 26: 315-320. 6 citations.</li> <li>2. Perysinakis, A., Kinghorn, J.R. and Drainas, C. (1995). Glutamine synthetase/glutamate synthase ammonium assimilating pathway in <i>Schizosaccharomyces pombe</i>. <i>Current Microbiology</i> 30:367-372. 3 citations.</li> <li>3. Maria Parapouli, Efstathios Hatziloukas, Constantin Drainas, Angelos Perisynakis (2010). The effect of Debina grapevine indigenous yeast strains of <i>Metschnikowia</i> and <i>Saccharomyces</i> on wine flavour. <i>Journal of Industrial Microbiology and Biotechnology</i>, 37: 85-93. 1 citation.</li> <li>4. A. Pappa, C. Sánchez-Porro, P. Lazoura, A. Kallimanis, <b>A. Perisynakis</b>, A. Ventosa, C. Drainas and A. I. Koukkou (2010). <i>Bacillus halochares</i> sp. nov., a halophilic bacterium isolated from a solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> 60:1432-1436.</li> <li>5. Maria Parapouli, Leonidas Fragkos-Livanios, Martina Samiotaki, Anna-Irini Koukkou, <b>Angelos Perisynakis</b>, Efstathios Hatziloukas, George Panayotou, Constantin Drainas (2010). Comparative proteomic analysis of alcoholic fermentation employing a new environmental strain of <i>Saccharomyces cerevisiae</i>. <i>Process Biochemistry</i> 45: 1094-1102.</li> </ol>
<i>The five most important citations</i>	<ol style="list-style-type: none"> <li>1. Publication 1. <i>MICROBIOLOGY-SGM</i>, 151 (2005): 1409-1419, Noor S, Punekar NS.</li> <li>2. Publication 3. <i>BIOSCIENCE BIOTECHNOLOGY AND BIOCHEMISTRY</i>, 61(1997): 1388-1390, Tokunaga M, Matsuoka</li> </ol>

	<p>K, Tokunaga H.</p> <p>3. Publication 3. CURRENT PHARMACEUTICAL BIOTECHNOLOGY, 11 (2010): 259-266, Tokunaga M, Arakawa T, Tokunaga H (2010).</p> <p>4. Publication 4. APPLIED AND ENVIRONMENTAL MICROBIOLOGY, 70(2004): 3130-3132, Prabhu J, Schauwecker F, Grammel N, et al.</p> <p>5. Publications 3 και 5. ANTONIE VAN LEEUWENHOEK INTERNATIONAL JOURNAL OF GENERAL AND MOLECULAR MICROBIOLOGY, 89(2006): 395-403, Llamas I, del Moral A, Martinez-Checa F, et al.</p>
Member of national or international societies or received prizes	<p>1. Member of the Greek Association of the Chemists</p> <p>2. Member of the Greek Society of Biochemistry and Molecular Biology</p> <p>3. Member of the Greek Scientific company “MicroBiokosmos”</p> <p>4. First Prize for the oral presentation of the subject of the publication with number 9, from the “Institution Aristeidis Daskalopoulos”, at the Second International Congress on the food feeding. (2009 April 9<sup>th</sup>, DIVANI CARAVEL HOTEL, Vas. Alexandros Avenu 2 Athens).</p>

#### PUBLICATIONS IN INTERNATIONAL PEER REVIEWED JOURNALS

- Perysinakis, A.**, Kinghorn, J.R. and Drainas, C. (1994). Biochemical and genetical studies of NADP-specific glutamate dehydrogenase in the fission yeast *Schizosaccharomyces pombe*. Current Genetics 26: 315-320.
- Perysinakis, A.**, Kinghorn, J.R. and Drainas, C. (1995). Glutamine synthetase/glutamate synthase ammonium assimilating pathway in *Schizosaccharomyces pombe*. Current Microbiology 30:367-372.
- Arvanitis, N., Vargas, C., Tegos, G., **Perysinakis, A.**, Nieto, J.J., Ventosa, A. and Drainas, C (1995). Development of a Gene Reporter System in Moderately Halophilic Bacteria by Employing the Ice Nucleation Gene of *Pseudomonas syringae*. Applied and Environmental Microbiology 61:3821-3825.
- Tegos, G., Vargas, C., Vartholomatos, G., **Perysinakis, A.**, Nieto, J.J., Ventosa, A. and Drainas, C. (1997). Identification of a promoter region on the *Halomonas elongata* cryptic plasmid pHE1employing the inaZ reporter gene of *Pseudomonas syringae*. FEMS, Microbiology Letters 154:45-51.
- Tegos, G., C. Vargas, **A. Perysinakis**, A.I. Koukkou, A. Christogianni J.J. Nieto, A. Ventosa and C. Drainas (2000). Release of cell-free ice nuclei from *Halomonas elongata* expressing the ice nucleation gene inaZ of *Pseudomonas syringae*. Journal of Applied Microbiology 89: 785-792.
- Leonidas G. Theodorou, **Angelos Perisynakis**, Krystalena Valasaki, Constantin Drainas and Emmanuel M. Papamichael (2007). Proton Inventories Constitute Reliable Tools in Investigating Enzymatic Mechanisms: Application on a Novel Thermo-stable Extracellular Protease from a Halo-Alkalophilic Bacillus sp. The Journal of Biochemistry 142: 293-300.
- Zoe Konsoula, Maria Liakopoulou-Kyriakides, **Angelos Perysinakis**, Panayiota Chira, Amalia Afendra, Constantin Drainas and Dimitrios A. Kyriakidis (2008). Heterologous Expression of a Hyperthermophilic  $\alpha$ -Amylase in Xanthan Gum Producing *Xanthomonas campestris* Cells. Applied Biochemistry and Biotechnology 149: 99-108.
- A. Kallimanis, K. Kavakiotis, **A. Perisynakis**, C. Spröer, R. Pukall, C. Drainas and A. I. Koukkou (2009). *Arthrobacter phenanthrenivorans* sp. nov., to accommodate the phenanthrene-degrading bacterium *Arthrobacter* sp. strain Sphe3. International Journal of Systematic and Evolutionary Microbiology 59: 275-279
- Maria Parapouli, Efstathios Hatziloukas, Constantin Drainas, **Angelos Perisynakis** (2010). The effect of Debina grapevine indigenous yeast strains of *Metschnikowia* and *Saccharomyces* on wine flavour. Journal of Industrial Microbiology and Biotechnology 37: 85–93.
- A. Pappa, C. Sánchez-Porro, P. Lazoura, A. Kallimanis, **A. Perisynakis**, A. Ventosa, C. Drainas and A. I. Koukkou (2010). Bacillus halocharis sp. nov., a halophilic bacterium isolated from a solar saltern. International Journal of Systematic and Evolutionary Microbiology 60:1432-1436.
- E.M., Papamichael L.G. Theodorou, **A. Perisynakis** and C. Drainas (2010). Purification and Characterization of a novel extracellular protease from a halo-alkalophilic *Bacillus* sp. *17N-1*, active in polar organic solvents. Environmental Technology 31: 1073-1082.

12. Maria Parapouli, Leonidas Fragkos-Livanios, Martina Samiotaki, Anna-Irini Koukkou, **Angelos Perisynakis**, Efstathios Hatziloukas, George Panayotou, Constantin Drainas (2010). Comparative proteomic analysis of alcoholic fermentation employing a new environmental strain of *Saccharomyces cerevisiae*. *Process Biochemistry* 45: 1094-1102.