

ANTONIOS M. MAKRIS

Brief CV

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SUMMARY			
	<p>Born in 1963 in Thessaloniki, he studied Biology in St. Cloud State University in Minnesota and did an M.Sc. in General and Medical Microbiology in University College London. Returned to Greece to do his Ph.D. in the University of Athens Medical School where he worked on the characterisation of microbial factors involved in liver specific autoimmune disease. He then moved to Fox Chase Cancer Center in Philadelphia to work with P. Tsiichlis on the mechanisms of signal transduction during in virus-induced pathogenesis.</p> <p>In 1995 joined MAICH as the Coordinator of the Department of Natural Products and Biotechnology. His research since 1996 focused on</p> <p>a) Mechanisms of oxidative stress and programmed cell death in plants and model eukaryotes.</p> <p>b) the Molecular biology and Biotechnology of secondary metabolism in aromatic and medicinal plants with emphasis on endemic plants of the Mediterranean region.</p> <p>c) Yeast Biotechnology and Metabolic Engineering for the production of high added value products of plant origin and as alternative biofuel resources.</p> <p>In September 2008 he joined the Institute of Applied Biosciences/Center for Research & Technology, Hellas as Senior Researcher, focusing on the Biotechnology of Secondary metabolism and the biology of oxidative stress.</p>		
RESEARCH AND PROFESSIONAL EXPERIENCE			
	Sept. 2008-present	INAB/CERTH	Thessaloniki, Greece
	<i>Senior Researcher</i>		
	1995-Aug.2008	MAICH	Chania, Greece
	<i>Coordinator, Department of Natural Products and Biotechnology</i>		
	1991-1995	Fox Chase Cancer Center	Philadelphia, USA
	<i>Postdoctoral Fellow</i>		
	1989-1989	Fox Chase Cancer Center	Philadelphia, USA

	<i>Visiting Scientist</i>		
EDUCATION			
	1991	University of Athens Medical School	Athens, Greece
	<i>Ph.D.</i>		
	1987	University College London	London, UK
	<i>M.Sc. General and Medical Microbiology</i>		
	1985	St. Cloud State University	Minnesota, USA
	<i>B.S. Biology</i>		
RESEARCH GRANTS AND AWARDS			
	2021-2024	MINEFIELD: Use of engineered MINERal-based fine particle dispersions for eco-friendly improvement of agricultural FIELDS	
	2020-2023	Development of sustainable methods to 2 nd generation biodiesel production using innovative biocatalysis from the process by-products Bio(Cat)Diesel 2014-2020 (EPAnEK)	
	2018-2021	Glyc2Bio-Exploitation of raw glycerin from the by-products of the biodiesel industry for the production of 2 nd generation biofuels and protein feed additives by innovative biotechnological methods. 2014-2020 (EPAnEK)	
	2018-2021	MedSushi-Exploitation of the edible algae <i>Dictyosphaerula membranacea</i> and <i>Laurencia obtusa</i> in the Mediterranean cuisine as a functional food and nutritional supplement 2014-2020 (EPAnEK)	
	2017-2020	6252-COFASP-AntiFoul Applying novel biotechnological tools to utilize compounds isolated from the red algae <i>S. coronopifolius</i> as eco-friendly Antifouling Agents (coordinator)	
	2016-2020	H2020-AgroCycle-“Sustainable techno-economic solutions for the agricultural value chain (subcontractor)	
	2013-2015	SYNERGASIA-ESPA «An integrated effort for the efficient production and further exploitation of the potent natural anti-inflammatory compound neorogioltriol and its congeners» NRG 11SYN (partner)	
	2013-2015	“Genomics for Improvement of quality & nutritional value of Greek tomato varieties» (NUTRITOM) 11SYN_3_480 (partner)	
	2012-2015	THALIS-BIOHYDROX- Metabolic Engineering of model biofactories by recruiting the genetic resources of plants and	

		microorganisms for the heterologous production of hydroxytyrosol with direct application in plant protection (partner).
	2010-2015	SYNERGASIA-ESPA-A systems approach into the production of plant and algal diterpenes with high industrial and pharmaceutical value (coordinator) SysTerp
	2010-2012	SEE-ERA NET PLUS- Conservation and utilization of the diversity of sage species (<i>Salvia</i> spp.) – traditional food preservatives and spices (coordinator)
	2007-2009	SEE-ERA NET. “Exploring the molecular biodiversity of medicinal and aromatic plants” (coordinator)
	2005-2009	PENED-GSRT. “Genomic and Biotechnological applications to secondary metabolism of <i>Salvia fruticosa</i> for the production of compounds with pharmaceutical interest and the improvement of resistance to abiotic and biotic stress”.
	2003-2007	EU-DGXII, Quality of Life. “Investigation of biochemical and genetical diversity of terpenoid biosynthesis for the production of high value-added compounds.”
	2002	Pfizer Inc. MTA agreement. Isolation and characterization of GST-omega interacting proteins. (individual)
	2001	Pfizer Inc., Research grant for the “Application of a yeast-based genetic selection system for the study of the mammalian protein GST-omega”. (individual)
	2000-2002	European Union DG-I, COMBINE Biotechnology Network (coordinator)
	1999-2002	General Secretariat of Science and Technology of Greece, PENED 99 ED404 (coordinator), “Functional analysis and applications of plant genes and proteins that are involved in biotic and abiotic stress and cell apoptosis”.
	1997-2000	European Union DG-VI, FAIR PL 96/914, “ <i>Origanum</i> sp. and <i>Salvia</i> sp.: Integrated breeding research to improve homogeneity and quality of multifunctional secondary plant products (participant)
	1996-1999	General Secretariat of Science and Technology of Greece, PENED, “Contribution to genetic improvement of aromatic and medicinal plants: A comparative study in selected species of the genus <i>Origanum</i> (participant).
	1995	U.S. Public Health Service, Grant no. RO1-CA-38047 (participant).
	1992	U.S. Public Health Service, Grant no. CA-06927 (participant)
	1991-1995	Leukemia Society of America, Post-doctoral fellowship.

		(individual award)
	1989-1991	General Secretariat of Science and Technology of Greece, Research Grant (participant).
NETWORKS		
	2009-2013	Member of the Balkan countries Network CHROMLAB-ANTIOXIDANT financed by FP7-REGPOT-2007-3
	1999-2006	European Union, COST 844, “Apoptosis and programmed cell death: molecular mechanisms and applications in Biotechnology and Agriculture”, Vice-president of the Management Committee. Chair of the Workgroup 1 on “Reactive Oxygen Species, mitochondria and Programmed Cell Death”
	1996-1998	European Union, SOCRATES TM-OP-1995-1-SE-18, “Network FIDEL: Food-Internet-Based Distance European Learning”.
	1996-2008	ERASMUS coordinator, MAICH
EXPERIENCE IN SCIENTIFIC EVALUATION		
	2000	Evaluator for the U.S. Department of Energy, Energy Biosciences Program.
	2000-2002	Reviewer for <i>Transgenic Research</i> .
	2000-2007	Reviewer for <i>Cell Death and Differentiation</i> .
	2002-2006	Reviewer for <i>FEBS Letters</i>
	2005	Reviewer for <i>Molecular Breeding</i>
	2007	Belgian Journal of Botany
	2008-2020	Reviewer in <i>Journal of Agricultural and Food Chemistry</i>
	2010-	Reviewer in <i>Molecular Breeding</i>
	2010-2011	Reviewer in phase B, EYSED-ETAK “Cooperation”
	2011	Reviewer for the Agence Nationale de la Recherche (ANR), France.
	2012	Reviewer in <i>Journal of Medicinal Plants Research</i>
	2012	Reviewer to SEB Union of Enterprises and Industries, Greece
	2012	Reviewer to <i>Mitochondrion</i>
	2013	Reviewer to the Technology Foundation STW, Holland
	2013	Reviewer to the Danish Council for Independent Research, Denmark
	2015-	Reviewer to Microbial Cell Factories

	2017-	Reviewer to Biotechnology Advances
	2017-	Reviewer to Yeast
	2017-	Reviewer to GSRT, Greece
	2018-	Reviewer to J. Biotechnology
	2018-	Reviewer to ELIDEK
	2019-	Reviewer to Trends in Biochemistry
	2019-	Reviewer to BMC Plant Biology
	2018-	Reviewer to Microorganisms
	2019-	Reviewer to Energies
TEACHING EXPERIENCE		
	Acad. Years 1996-2021	Supervision of 26 undergraduate theses, supervision of 40 postgraduate M.Sc. theses, 26 of the graduates were subsequently accepted with full scholarship in European and American universities Co-supervision of 10 doctoral thesis projects: D. Ioannides (Univ. Reading, UK), 2007; E. Ioannidou (AUTH-2009), C. Ignea (Παν/μιο Κρήτης 2009), D. Bozic (U. Belgrade, 2018), A. Papanikolaou (AUTH-2019), N. Mougou (AUTH-2019), A. Koltsakidou (AUTH-2018), A. Ofrydopoulou (AUTH-2021), A. Tsiringa (AUTH-ongoing), G. Tsiolas (EU-ongoing), I Gkekas (AUTH-ongoing).
	2011-	Teaching in the M.Sc program of the Dpt. of Biology, Univ. of Crete “Plant Molecular Biology & Biotechnology”
	2014-2016	Teaching in the M.Sc program of the Dpt. of Biology, Univ. of Athens on Microbial Biotechnology
	2019-	Teaching in the M.Sc program of the School of Agricultural Sciences, AUTH
	2010-2011, 2011-2012	Teaching in the M.Sc program of the School of Pharmacy, Aristotle University of Thessaloniki “Engineering microorganisms for the production of pharmaceutical compounds”
	2008-2009	Teaching the course “Biotechnology of Natural Products production” at the Mediterranean Agronomic Institute of Chania.
	1995-97	Introduction to Microbiology/Microbiological techniques, MAICH
	1996-2007	Molecular Biology Techniques

	1996-2002	Plant Biotechnology & Applications, MAICH
	2002-2003	Workshop: “A practical approach to Plant Biotechnology”. Financed by E.E.-AIDCO.
	2005	Seminar on “Biology of oxidative stress” in the postgraduate program of the Medical School, University of Crete.

ORGANISATION & MANAGEMENT OF EDUCATIONAL PROGRAMMES		
	2016-2021	Head of the INAB Scientific committee
	2008-2021 1996-2008 2003 2005	<p>Organisation and management of a molecular biology and biochemistry research lab at INAB/CERTH. Responsible for NGS facility and LC-MS/MS facility</p> <p>Organisation and management of a molecular biology and biochemistry research and education lab at MAICh.</p> <p>Establishment and management of “Microbiological Safety Room and the “Radiation Safety Room”</p> <p>Contribution in the design of the new microbiology laboratories of certification standards at MAICh (in collaboration with Dr. S. Kampranis)</p>
	Acad. years: 1995-2008	Organisation & coordination of the academic program of the department of Natural Products & Biotechnology at the Mediterranean Agronomic Institute of Chania
	Acad. years: 1995-1996	Coordination of the postgraduate program of the ERASMUS “Pasteur” Network στην “Food Quality Management” ICP-1110.
	Acad. years: 1996-1997 1997-1998	Coordination of the Academic Program on “Food Quality Management” at MAICh.
	Acad. years: 1996-2001	Organisation and coordination of intensive short courses for Mediterranean countries scientists on “Plant Biotechnology and Applications” 3-weeks duration
	May 1997	Organisation & coordination of the intensive short course in Beirut, Lebanon, 2-weeks duration titled “Food Quality Standardization” financed by E.E-AIDCO.
	April 2001	Organisation & coordination of the intensive short course in Mansoura, Egypt, 2-weeks duration titled ” financed by E.E-AIDCO. titled “Tools for Biodiversity Management-Applications of Bioinformatics in Managing Herbaria and Seed Banks”.
	May 2002	Organisation & coordination of the intensive Workshop in Chania, Greece, 2-weeks duration titled financed by E.E-AIDCO: “A practical approach to Plant Biotechnology”.
	September 2004	Organisation of the 1 st Training seminar in “Concepts and methods of Programmed Cell Death” 17-20 September 2004, financed by EU-Marie Curie Conferences and Training Courses.

PUBLICATIONS		
IMPACT FACTORS 4.37	Legakis, N. J., Tzouvelekis, L. S., <u>Makris</u> , A. M. and Kotsifaki, H.: Outer-membrane alterations in multiresistant mutants of <i>Pseudomonas aeruginosa</i> selected by ciprofloxacin. <i>Antimicrobial Agents Chemotherapy</i> 33 , 124-127, (1989)	
9.72	Hadziyannis, S. J., Hadziyannis, E. S. and <u>Makris</u> , A. M. A randomized control trial of Ursodeoxycholic acid (UDCA) in primary biliary cirrhosis (PBC). <i>Hepatology</i> 10:580, 1989.	
9.72	Carman, W. F., Thomas, H. C., <u>Makris</u> , A. M., Mcgarvey, M. J., Karayannis, P., Hadziyannis, S. J. and Jacyna, M. R. Occurrence of a novel translational stop codon in the pre-core gene of HBV in the Anti-HBe positive patients with chronic hepatitis and persistent HBV replication. <i>Hepatology</i> 10:582, 1989.	
23.4	Carman, W. F., Hadziyannis, S. J., Karayannis, P., Jacyna, M. R., Thomas, H. C., <u>Makris</u> , A. M. and McGarvey, M. J.: Mutation preventing formation of hepatitis-Be antigen in patients with chronic hepatitis-B infection. <i>Lancet</i> , 2 , 588-591, (1989)	
4.9	Hadziyannis, S. J., Bramou, T., <u>Makris</u> , A. M., Moussoulis, G., Zignego, L. and Papaioannou, C.: Interferon alfa-2b treatment of HBeAg negative/serum HBV DNA positive chronic active hepatitis type B. <i>J.Hepatol.</i> 11 , S133-S136, (1990)	
0.85	Tzouvelekis, L. S., Legakis, N. J., Vatopoulos, A. C., Mentis, A. F. and <u>Makris</u> , A. M.: The effect of Magnesium limitation on outer surface components and serum sensitivity of <i>Pseudomonas aeruginosa</i> . <i>Microbios Lett.</i> 45 , 77-82, (1990)	
0.69	<u>Makris</u> , A. M., Zignego, L. and Hadziyannis, S. J.: Measurement of Hepatitis-B viral DNA in serum by solution hybridization and comparison with the dot-blot technique. <i>Hepato-gastroenterology</i> 38 , 53-55, (1991)	
3.93	Tzouvelekis, L. S., Mentis, A. F., <u>Makris</u> , A. M., Spiliadis, C., Blackwell, C. and Weir, D.: <i>In vitro</i> binding of <i>Helicobacter pylori</i> to human gastric mucin. <i>Infection and Immunity</i> 59 , 4252-4254, (1991)	
3.1	Justice, M. J., Gilbert, D. J., Kinzler, K. W., Vogelstein, B., Buchberg, A. M., Ceci, J. D., Matsuda, Y., Chapman, V. M., Patriotis, C., <u>Makris</u> , A. M., Tsiichlis, P. N., Jenkins, N. A. and Copeland, N. G.: A molecular genetic linkage map of mouse chromosome 18 reveals extensive linkage conservation with human chromosomes 5 and 18. <i>Genomics</i> 13 , 1281-1288, (1992)	
1.2	Lianidou, S. E., Lazaropoulou, C. D., <u>Makris</u> , A. M., Georgiou, S., Alexopoulou, A., Papastathopoulos, D. S., Siskos A. P. and Hadziyannis, S. J. Application of an enzymatic fluorimetric method in the quantitation of serum ursodeoxycholic acid in primary biliary	

	cirrhosis under ursodeoxycholic acid therapy. <i>Clin. Chem. Enzymol. Comm.</i> 5 , 55-61., (1992)
5.1	<u>Makris</u> , A. M., Patriotis, C., Bear, S. E. and Tsihchlis, P. N.: Structure of a Moloney leukemia virus (MoMuLV)-virus-like 30 (VL30) recombinant. Implications for the transduction of the c-Ha-ras proto-oncogene. <i>J. Virol.</i> 67 , 1286-1291, (1993)
Title change, 15 citations	Yeung, R. S., Taguchi, T., Patriotis, C., <u>Makris</u> , A. M., Tsihchlis, P. N., Levan, K. K., Levan, G., Tartof, K., Hino, O., Knudson, A. G. and Testa, J. R.: New markers, <i>D16FC1</i> and <i>Tpl2</i> , differentiate between rat chromosomes 16 and 17. <i>Cytogenet. Cell Genet.</i> 62 , 149-152, (1993)
10.21	Patriotis, C., <u>Makris</u> , A. M., Bear, S. E. and Tsihchlis, P. N.: Tumor progression locus-2 (<i>Tpl-2</i>) encodes a protein kinase involved in the progression of rodent T-cell lymphomas and in T-cell activation. <i>Proc. Natl. Acad. Sci. USA</i> 90 , 2251-2255, 1993.
5.1	<u>Makris</u> , A. M., Patriotis, C., Bear, S. E. and Tsihchlis, P. N.: Genomic organization and expression of <i>Tpl-2</i> in normal cells and Moloney murine leukemia virus-induced rat T-cell lymphomas: activation by provirus insertion. <i>J. Virol.</i> 67 , 4283-4289, (1993)
7.5	Barker, C., <u>Makris</u> , A. M., Patriotis, C., Bear, S. E. and Tsihchlis, P. N.: Identification of the gene encoding the mitochondrial elongation factor G in mammals. <i>Nucl. Acids Res.</i> 21 , 2641-2647, (1993)
10.21	Patriotis, C., <u>Makris</u> , A. M., Chernoff, J. and Tsihchlis, P. N.: <i>Tpl-2</i> acts in concert with Ras and Raf-1 to activate the MAP kinase. <i>Proc. Natl. Acad. Sci. USA</i> 91 , 9755-9759, (1994)
7	Datta, K., Franke, T. F., Chan, T. O., <u>Makris</u> , A. M., Yang, S.-I., Kaplan, D., Morrison, D. K., Golemis, E. A. and Tsihchlis, P. N.: AH/PH domain mediated interaction between Akt molecules and its potential role in Akt regulation. <i>Mol. Cell. Biol.</i> 15 , 2304-2310, (1995)
6.52	McMahon, C., <u>Makris</u> , A. M., Patriotis, C., Lin, J.-H., Golemis, E., Tsihchlis, P. N.: Cyclin D-CDK4 down-regulates the expression of 36 kDa raf-interacting protein. <i>Mol. Biol. Cell</i> 7 , No.SS, p. 2121, (1996)
15.61	Ceci, J., Patriotis, C., Tsatsanis, C., <u>Makris</u> , A. M., Kovatch, R., Swing, D. A., Jenkins, N. A., Tsihchlis, P. N. and Copeland, N. G.: <i>Tpl-2</i> is an oncogenic kinase that is activated by carboxyterminal truncation. <i>Genes and Development</i> 11 , 688-700, (1997)
0.85	Skoula, M., El-Hilali, I., <u>Makris</u> , A. M. Evaluation of the genetic diversity in <i>Salvia fruticosa</i> clones using RAPD markers and comparison with the chemotypic profiles. <i>Biochemical Systematics and Ecology</i> 27 , 559-568, (1999) Corresponding author
5.7	Lin, J-H., <u>Makris</u> , A. M.*, McMahon, C., Bear, S. E., Patriotis, C., Prasad, V. R., Brent, R., Golemis, E. A. and Tsihchlis, P. N. The Ankyrin Repeat-containing Adaptor Protein Tvl-1 Is a Novel Substrate and Regulator of Raf-1. <i>J. Biol. Chem.</i> 274 , 14706-14715, (1999). (*equal first author).

5.7	Kampranis, S. C., Damianova, R., Atallah, M., Toby, G., Kondi, G., Tsihchlis, P. N. and <u>Makris, A. M.</u> : A novel plant glutathione S-transferase/peroxidase suppresses Bax lethality in yeast. <i>J. Biol. Chem.</i> 275 , 29207-29216, (2000) Corresponding author
4.3	Patriotis, C., Lin, J-H., Markova, D. Z., Tsatsanis, C., <u>Makris, A. M.</u> , Srinivasula, S. M., Alnemri, E. S. and Tsihchlis, P. N. 2000. The proto-oncoprotein Tpl-2 induces apoptosis by promoting the assembly of a protein complex that contains the adaptor protein Tvl-1 and procaspase-3. <i>J. Cell Physiol.</i> 187 (2): 176-87 (2001).
	Bazina, E. <u>Makris, A.</u> Vender, C. Skoula, M. Genetic and Chemical Relations Among Selected Clones of <i>Salvia officinalis</i> . <i>Journal of Herbs, Spices and Medicinal Plants</i> 2002, Vol 9; Part 4, pages 269-274
0.82	Gounaris, Y., Skoula, M., Fournaraki, C., Drakakaki, G., <u>Makris, A.</u> Comparison of essential oils and genetic relationship of <i>Origanum X intercedens</i> to its parental taxa in the island of Crete. <i>Biochemical Systematics and Ecology</i> 30 , 249-258 (2002)
2.32	Dimitrova, I., Atanassova, N., Kili, K., Tili, E., Kampranis, S. C., <u>Makris A. M.</u> Tau-class GSTs protect yeast cells from Bax-induced cell death by preserving organellar integrity. <i>Free Radical Research</i> 37 (Supplement), 32 (2003) Corresponding author
2.32	Kilili, K., Kanellopoulos, P., Vardanyan, A. Clatot, N., Al-Shabarna, K., <u>Makris, A. M.</u> , Kampranis, S. C. Antioxidant activity of tau-class glutathione S-transferases. <i>Free Radical Research</i> 37 (Supplement), 97 (2003)
3.4	Dimitrova, I., Toby G., Tili, E., Strich, R., Kampranis, S. and <u>Makris, A.M.</u> Expression of Bax in yeast affects not only the mitochondria but also vacuolar integrity and intracellular protein traffic. <i>FEBS Lett.</i> 2004 May 21;566(1-3):100-4. Corresponding author
7.78	Belhocine, S., Mbithe, C., Dimitrova, I., Kampranis, S.C., <u>Makris A. M.</u> Yeast mutants resistant to Bax lethality reveal distinct vacuolar and mitochondrial alterations. <i>Cell Death Differentiation</i> . 2004 Aug;11(8):946-8. Corresponding author
5.85	Kilili, K. Clatot, N., Vardanyan, A., G., <u>Makris, A. M*</u> , and Kampranis, S. C Differential roles of tau-class glutathione S-transferases in oxidative stress. <i>J. Biol. Chem., J Biol Chem.</i> 2004 Jun 4;279(23):24540-51 (*joint corresponding author).
7.78	<u>Makris, A.M.</u> , Kampranis, S.C. Cell death by the sea. <i>Cell Death Differ.</i> 2005 Apr;12(4):411-4. (review) Corresponding author
11	Kampranis S.C., Ioannidis, D., Purvis, A., Mahrez, W., Ninga, E., Katerelos, N.A., Anssour S., <u>Makris, A.M.</u> , Goodenough, Johnson, C.B. Rational conversion of substrate and product specificity in a monoterpene synthase. Structural insights into the evolution of terpene synthase function. (2007) <i>Plant Cell</i> 19 (6): 1994-2005.

5.85	Odat O, Matta S, Khalil H, Kampranis SC, Pfau R, Tsihchlis PN, <u>Makris AM</u> Old Yellow Enzymes, Highly Homologous FMN Oxidoreductases with Modulating Roles in Oxidative Stress and Programmed Cell Death in Yeast. <i>J Biol Chem</i> . 2007 Dec 7;282(49):36010-23. Corresponding author
2.56	Foued Amari, Abdelmadjid Fettouche, Mario Abou Samra, Panagiotis Kefalas, Sotirios C. Kampranis and <u>Antonios M. Makris</u> . Antioxidant small molecules confer variable protection from oxidative damage in yeast mutants. <i>Journal of Agriculture and Food Chemistry</i> . December 2008, 56 (24): 11740-51. Corresponding author
2.6	Fani M. Chatzopoulou, <u>Antonios M. Makris</u> , Anagnostis Argiriou, Jorg Degenhardt, Angelos K. Kanellis. EST analysis and annotation of transcripts derived from a trichome-specific cDNA library from <i>Salvia fruticosa</i> . <i>Plant Cell Rep</i> , 2010.
4.5	Ignea C, Cvetkovic I, Loupassaki S, Kefalas P, Johnson CB, Kampranis SC, <u>Makris AM</u> Improving yeast strains using recyclable integration cassettes, for the production of plant terpenoids. <i>Microb Cell Fact</i> 10: 4.1-18 (2011) Corresponding author
	Tsaftaris A, Pasentsis K, <u>Makris A</u> , Darzentas N, Polidoros A, Kalivas A, Argiriou A The study of the E-class SEPALLATA3-like MADS-box genes in wild-type and mutant flowers of cultivated saffron crocus (<i>Crocus sativus</i> L.) and its putative progenitors. <i>J Plant Physiol</i> 168: 1675-84 (2011).
	Matthaios M. Mathioudakisa, Rita Veiga, Melania Ghita, Daniela Tsikou, Vicente Medina, Tomas Canto, <u>Antonios M. Makris</u> , Ioannis C. Livieratos. Pepino mosaic virus capsid protein interacts with a tomato heat shock protein cognate 70. <i>Virus Research</i> 163(1):28-39 (2012) .
	Sotirios C. Kampranis and <u>Antonios M. Makris</u> . Developing a yeast cell factory for the production of terpenoids. <i>Computational & Structural Biotechnology Journal</i> . Special issue on “Advances in Metabolic Engineering & Design of Cell Factories” 3(4), 2012. Corresponding author
	Ignea C, Triikka FA, Kourtzelis I, Argiriou A, Kanellis AK, Kampranis SC, <u>Makris AM</u> Positive Genetic Interactors of HMG2 identify a new set of genetic perturbations for improving sesquiterpene production in <i>Saccharomyces cerevisiae</i> <i>Microbial Cell Factories</i> (2012), 11:162
	Mathioudakis MM, Veiga RS, Canto T, Medina V, Mossialos D, <u>Makris AM</u> , Livieratos I. Pepino mosaic virus triple gene block protein 1 (TGBp1) interacts with and increases tomato catalase 1 activity to enhance virus accumulation <i>Mol. Plant Pathology</i> , May 2013
	Codruta Ignea, Marianna Pontini, Massimo Meffe, <u>Antonios M. Makris</u> , Sotirios C. Kampranis. Engineering Monoterpene Production in Yeast Using a Synthetic Dominant Negative Geranyl Diphosphate Synthase, <i>ACS Synthetic Biology</i> , DOI 10.1021/sb400115e, 2014.

	B Baliakas P, Hadzidimitriou A, Sutton LA, Rossi D, Minga E, Villamor N, Larrayoz M, Kminkova J, Agathangelidis A, Davis Z, <u>Makris A.M.</u> <i>et al</i> : Recurrent mutations refine prognosis in chronic lymphocytic leukemia. <i>Leukemia</i> 2014.
	Trikka FA, Nikolaidis A, Athanasakoglou A, Andreadelli A, Ignea C, Kotta K, Argiriou A, Kampranis SC, Makris AM: Iterative carotenogenic screens identify combinations of yeast gene deletions that enhance sclareol production. <i>Microb Cell Fact</i> 2015, 14 :60.
	Bozic D, Papaefthimiou D, Bruckner K, de Vos RC, Tsoleridis CA, Katsarou D, Papanikolaou A, Pateraki I, Chatzopoulou FM, Dimitriadou E, et al: Towards Elucidating Carnosic Acid Biosynthesis in Lamiaceae: Functional Characterization of the Three First Steps of the Pathway in <i>Salvia fruticosa</i> and <i>Rosmarinus officinalis</i> . <i>PLoS One</i> 2015, 10 :e0124106.
	Ignea C, Ioannou E, Georgantea P, Loupassaki S, Triikka FA, Kanellis AK, Makris AM, Roussis V, Kampranis SC: Reconstructing the chemical diversity of labdane-type diterpene biosynthesis in yeast. <i>Metab Eng</i> 2015, 28 :91-103.
	Ignea C, Triikka FA, Nikolaidis AK, Georgantea P, Ioannou E, Loupassaki S, Kefalas P, Kanellis AK, Roussis V, Makris AM, Kampranis SC: Efficient diterpene production in yeast by engineering Erg20p into a geranylgeranyl diphosphate synthase. <i>Metab Eng</i> 2015, 27 :65-75.
	Trikka FA, Nikolaidis A, Ignea C, Tsaballa A, Tziveleka LA, Ioannou E, Roussis V, Stea EA, Bozic D, Argiriou, A, Makris A.M: Combined metabolome and transcriptome profiling provides new insights into diterpene biosynthesis in <i>S. pomifera glandular</i> trichomes. <i>BMC Genomics</i> 2015, 16 :935.
	Tsaballa A, Nikolaidis A, Triikka F, Ignea C, Kampranis SC, Makris AM, Argiriou A: Use of the de novo transcriptome analysis of silver-leaf nightshade (<i>Solanum elaeagnifolium</i>) to identify gene expression changes associated with wounding and terpene biosynthesis. <i>BMC Genomics</i> 2015, 16 :504
	Malcikova J, Stalika E, Davis Z, Plevova K, Trbusek M, Mansouri L, Scarfo L, Baliakas P, Gardiner A, Sutton LA, et al: The frequency of TP53 gene defects differs between chronic lymphocytic leukaemia subgroups harbouring distinct antigen receptors. <i>Br J Haematol</i> 2014, 166 :621-625.
	Ignea C, Ioannou E, Georgantea P, Triikka FA, Athanasakoglou A, Loupassaki S, Roussis V, Makris AM, Kampranis SC: Production of the forskolin precursor 11beta-hydroxymanoyl oxide in yeast using surrogate enzymatic activities. <i>Microb Cell Fact</i> 2016, 15 :46. Corresponding author

	Ignea C, Athanasakoglou A, Ioannou E, Georgantea P, Triikka FA, Loupassaki S, Roussis V, Makris AM, Kampranis SC: Carnosic acid biosynthesis elucidated by a synthetic biology platform. <i>Proc Natl Acad Sci U S A</i> 2016.
	Papakonstantinou N, Ntoufa S, Chartomatsidou E, Kotta K, Agathangelidis A, Giassafaki L, et al. The histone methyltransferase EZH2 as a novel prosurvival factor in clinically aggressive chronic lymphocytic leukemia. <i>Oncotarget</i> . 2016 Jun 14;7(24):35946-59.
	Gemenetzi K, Galigalidou C, Vlachonikola E, Stalika E, Xochelli A, Baliakas P, Karypidou M, Touloumenidou T, Minga E, Douka V, Iskas M, Athanasiadou A, Makris A, Stavroyianni N, Anagnostopoulos A, Hadzidimitriou A, Stamatopoulos K: Tp53 gene p72R polymorphism in chronic lymphocytic leukemia: incidence and clinical significance amongst cases with unmutated immunoglobulin receptors. <i>Leuk Lymphoma</i> . 2017 Mar;58(3):726-728. Epub 2016 Aug 9. PubMed PMID: 27686405. doi: http://dx.doi.org/10.1080/10428194.2016.1211276
	Ioannidi E, Rigas S, Tsitsekian D, Daras G, Alatzas A, Makris A, et al. Trichome patterning control involves TTG1 interaction with SPL transcription factors. <i>Plant molecular biology</i> . 2016 Dec;92(6):675-87.
	Ignea C, Ioannou E, Georgantea P, Triikka FA, Athanasakoglou A, Loupassaki S, et al. Production of the forskolin precursor 11beta-hydroxy-manoyl oxide in yeast using surrogate enzymatic activities. <i>Microbial cell factories</i> . 2016;15(1):46.
	Gemenetzi K, Galigalidou C, Vlachonikola E, Stalika E, Xochelli A, Baliakas P, et al. Tp53 gene p72R polymorphism in chronic lymphocytic leukemia: incidence and clinical significance amongst cases with unmutated immunoglobulin receptors. <i>Leukemia & lymphoma</i> . 2016 Aug 09:1-3.
	Codruta Ignea, A. Athanasakoglou, A. Andreadelli, M. Apostolaki, M. Iakovides, E. G. Stephanou, A. M. Makris & S. C. Kampranis. Overcoming the plasticity of plant specialized metabolism for selective diterpene production in yeast <i>Scientific Reports</i> 7: 8855 DOI:10.1038/s41598-017-09592-5. 2017
	Athanasakoglou A, Grypioti E, Michailidou S, Ignea C, Makris AM, Kalantidis K, Massé G, Argiriou A, Verret F, Kampranis SC: Isoprenoid biosynthesis in the diatom <i>Haslea ostrearia</i> <i>New Phytol</i> . 2018 Nov 5. PubMed PMID: 30394540.doi: http://dx.doi.org/10.1111/nph.15586
	Mougiou N, Triikka F, Trantas E, Ververidis F, Makris A, Argiriou A, Vlachonasios KE: Expression of hydroxytyrosol and oleuropein biosynthetic genes are correlated with metabolite accumulation during fruit development in olive, <i>Olea europaea</i> , cv. Koroneiki <i>Plant Physiol Biochem</i> . 2018 Jul;128:41-49. PubMed PMID: 29753981.doi: http://dx.doi.org/10.1016/j.plaphy.2018.05.004
	Ignea C, Pontini M, Motawia MS, Maffei ME, Makris AM, Kampranis SC: Synthesis of 11-carbon terpenoids in yeast using protein and metabolic engineering. <i>Nat Chem Biol</i> . 2018 Dec;14(12):1090-1098. PubMed PMID: 30429605. doi: http://dx.doi.org/10.1038/s41589-018-0166-5

	Patsios, S.I.M., S.; Pasentis, K.; Makris, A.M.; Argiriou, A.; Karabelas, A.J., <i>Analysis of Microbial Community Dynamics during the Acclimatization Period of a Membrane Bioreactor Treating Table Olive Processing Wastewater</i> . Applied Sciences, 2019. 9 (18): p. 3647.
	Ignea C, Raadam MH, Motawia MS, Makris AM, Vickers CE, Kampranis SC: Orthogonal monoterpene biosynthesis in yeast constructed on an isomeric substrate . <i>Nature communications</i> 2019, 10 (1):3799.
	Fotini Trikka*, S.M., Antonios M. Makris and Anagnostis Argiriou, <i>Biochemical Fingerprint of Greek Sideritis spp.: implications for Potential Drug Discovery and Advanced Breeding Strategies</i> . Med Aromat Plants 2019. 8 : p. 335.
	Athanasakoglou A, Grypioti E, Michailidou S, Ignea C, Makris AM, Kalantidis K, Masse G, Argiriou A, Verret F, Kampranis SC: Isoprenoid biosynthesis in the diatom Haslea ostrearia . <i>The New phytologist</i> 2019, 222 (1):230-243.
	Mougiou N, Trikka F, Trantas E, Ververidis F, Makris A, Argiriou A, Vlachonasios KE: Expression of hydroxytyrosol and oleuropein biosynthetic genes are correlated with metabolite accumulation during fruit development in olive, Olea europaea, cv. Koroneiki . <i>Plant physiology and biochemistry : PPB</i> 2018, 128 :41-49
	Hansen NL, Miettinen K, Zhao Y, Ignea C, Andreadelli A, Raadam MH, Makris AM, Moller BL, Staerk D, Bak S, Kampranis SC: Integrating pathway elucidation with yeast engineering to produce polypunonic acid the precursor of the anti-obesity agent celastrol . <i>Microb Cell Fact</i> 2020, 19 :15.
	Grigoriadou K, Trikka FA, Tsoktouridis G, Krigas N, Sarropoulou V, Papanastasi K, Maloupa E, Makris AM: Micropropagation and cultivation of Salvia sclarea for essential oil and sclareol production in northern Greece . <i>In Vitro Cellular & Developmental Biology - Plant</i> 2020.
	Stavroula Ntoufa, Marina Gerousi, Stamatia Laidou, Fotis Psomopoulos, Georgios Tsiolas, Theodoros Moysiadis, Nikos Papakonstantinou, Larry Mansouri, Achilles Anagnostopoulos, Niki Stavrogianni, Sarka Pospisilova, Karla Plevova, Antonios M. Makris, Richard Rosenquist, Kostas Stamatopoulos, RPS15 mutations rewire RNA translation in chronic lymphocytic leukemia , <i>Blood Advances, Volume 5, Issue 13, 2021, Pages 2788-2792</i>
	Andreadelli A, Petrakis S, Tsourekis A, Tsiolas G, Michailidou S, Baltzopoulou P, Merkesteyn RV, Hodgson P, Sceats M, Karagiannakis G, Makris AM. Effects of Magnesium Oxide and Magnesium Hydroxide Microparticle Foliar Treatment on Tomato PR Gene Expression and Leaf Microbiome . <i>Microorganisms</i> . 2021 Jun 4;9(6):1217. doi: 10.3390/microorganisms9061217. PMID: 34199815; PMCID: PMC8228823.

	<p>Koukoulis K, Papayanni PG, Georgakopoulou A, Alvanou M, Laidou S, Kouimtzis A, Pantazi C, Gkoliou G, Vyzantiadis TA, Spyridonidis A, Makris A, Chatzidimitriou A, Psatha N, Anagnostopoulos A, Yannaki E, Papadopoulou A. "Cerberus" T Cells: A Glucocorticoid-Resistant, Multi-Pathogen Specific T Cell Product to Fight Infections in Severely Immunocompromised Patients. <i>Front Immunol.</i> 2021 Jan 18;11:608701. doi: 10.3389/fimmu.2020.608701. PMID: 33537032; PMCID: PMC7848034.</p>
	<p>Ntoufa, S.; Gerousi, M.; Laidou, S.; Psomopoulos, F.; Tsiolas, G.; Moysiadis, T.; Papakonstantinou, N.; Mansouri, L.; Anagnostopoulos, A.; Stavrogianni, N., et al. RPS15 mutations rewire RNA translation in chronic lymphocytic leukemia. <i>Blood advances</i> 2021, 5, 2788-2792, doi:10.1182/bloodadvances.2020001717.</p>
	<p>Citations of others to scientific publications: >4200</p>

PATENTS

Tsichlis, P. N., and Makris, A. M. (1999). Nucleic acid molecule encoding the ankyrin repeat protein TVL-1 and methods of use thereof. U. S. Patent Number 6,617,427 B1 Date of Patent Sep. 9 2003.

Makris AM, Kampranis SC. Methods for producing diverse terpenes in yeast. Submitted to OBI 2013

BOOK CHAPTERS

Hadziyannis, S. J., Hadziyannis, E. S., Lianidou, S. E. and Makris, A. M. Long term treatment of primary biliary cirrhosis with ursodeoxycholic acid: the third year of a controlled trial in : "Bile acids as therapeutic agents. From basic science to clinical practice" Ed. G.Paumgartner, A.Stiehl and W. Gerok Kluwer academic publishers, p. 287-296, (1990)

Hadziyannis, S., Bramou, T., Alexopoulou, A., Makris, A. Immunopathogenesis and natural course of anti-Hbe-positive chronic hepatitis with replicating B-virus. In "Viral Hepatitis and Liver Disease". Williams & Wilkins pub., BY03U, (1991).

Tsichlis, P. N., Makris, A. M., Patriotis, C., Gilks, C. B., Bellacosa, A. and Bear, S. E.: Progression of retrovirus induced rodent T-cell lymphomas, and regulation of T-cell growth; an insertional mutagenesis based genetic strategy. Proceedings of the 128th Meeting of the Society for General Microbiology, University of Cambridge, 28th-31st March, 1994, Main Symposium: Viruses and Cancer. Cambridge University Press, pp. 247-264.

Aggelis, A., Makris, A. M., Christodoulidou, A., Carrillo Lopez, A., and Kanellis, A. K. Isolation of Low Oxygen-regulated Genes in Tomato Fruit by Applying RNA Differential Display and Yeast Complementation Approaches. Proceedings of International Conference on Controlled Atmosphere Storage, March 1998

Gherraby, W., Makris, A. M., Sanmartin, M., Chatzopoulos, P. and Kanellis, A. K. 1999. Manipulation of the expression of heme activated protein HAP5c gene in transgenic plants. Biology and Biotechnology of the plant hormone Ethylene, Kluwer Academic Publishers ISBN 0-7923-5941-0.

Bazina E., Makris, A.M., Vender, C., Skoula, M. Genetic and Chemical Relations Among Selected Clones of *Salvia officinalis*. Breeding Research in Aromatic and Medicinal Plants, The Haworth Press Inc. ISBN 0-7890-1972-8 (2002).

N. Clatot, K. G. Kilili, A. M. Makris and S. C. Kampranis. Ligand-induced conformational changes in oxidative-stress related *tau*-class glutathione S-transferases. *Proceedings of the Meeting of the Society for Free Radical Research - SFRR – Europe*. ISBN 88-7587-002-0, p. 203-207, (2003).

N. Atanassova, S. C. Kampranis and A. M. Makris. Differential interaction specificities of oxidative-stress related *tau*-class glutathione S-transferases. *Proceedings of the Meeting of the Society for Free Radical Research - SFRR – Europe*, ISBN 88-7587-002-0, p. 191-195, (2003).

Antonios M. Makris. Cell-based assays of oxidative stress. Plants in Traditional and Modern Medicine: Chemistry and Activity. ISBN:978-81-7895-432-5 (2009).

LECTURE INVITATIONS (2000-2011)

Makris, A. M.: Advanced courses on Stress, Programmed Cell Death and signalling in Plants. June, 5-9, 2000, IBMC, Porto, Portugal.

Makris, A. M.: Yeast as a Model for studying aspects of the apoptotic response. June 10, 2000, Workshop on Cell Death. Institute for Molecular and Cell Biology, University of Porto, Portugal.

Makris, A. M.: Yeast as a Model for studying aspects of apoptosis and oxidative stress. November 15, 2000, Department of Pharmacy, Aristotle University of Thessaloniki, Thessaloniki, Greece.

Makris, A. M. The participation of type III GSTs in programmed cell death and oxidative stress. December 20, 2000, Univ. of Bologna, Italy

Makris, A. M. Glutathione S-transferases of the theta and omega class in plants and animals. August 2, 2001, Pfizer Inc. Groton, Ct, U.S.A.

Makris, A. M. Differential effects of Tau-class GSTs on cell death phenotypes, involving protection of the mitochondria. June 2002, COST844 meeting, Chania, Greece.

Makris, A. M. Participation of Glutathione S-transferases of the theta and omega class in stress and cell death responses in plants and animals. August 2, 2002, Pfizer Inc. Groton, Ct, U.S.A.

Makris, A. M. Dissecting the conserved events of the Programmed Cell Death Machinery. July 2002, Thomas Jefferson University. U.S.A.

Makris, A.M. Tau-class GSTs protect yeast cells from Bax-induced cell death by preserving organellar integrity. June 2003, Society of Free Radical Research-Europe Meeting 2003.

Makris, A. M. Oxidative stress and programmed cell death. Molecular Oncology Research Institute. Tufts University, July 2003.

Makris, A. M. Yeast as a model to dissect conserved aspects of the cell death machinery, COST844 meeting, Brussels, October 2003

Makris, A. M. Glutathione S-transferases protect yeast cells from Bax-induced cell death by preserving organellar integrity. Meeting of the Society for free radical research, European Section, 2003, Ioannina

Makris, A. M., Glutathione S-transferases, mitochondria and oxidative damage, Biophyto Consortium, Univ. of Thessaloniki, October 2004

Makris, A. M., Apoptosis and Cancer, 4th Symposium on New Molecules in Cancer Therapeutics, Athens, October 2005

Makris, A.M., Programmed Cell Death and Apoptosis in yeast, Biology department, University of Athens, December 2005

Makris, A.M., Terpene Biosynthesis in *Salvia* sp.: multiple genes-multiple products and the potential evolutionary significance. School of Pharmacy, University of Thessaloniki, December 2006.

Makris, A.M., Biotechnology of Terpene Biosynthesis. G.S.R.T.. Greek-Chinese scientists meeting, Heraklion. June 2007.

Makris, A.M., The uses of *S. cerevisiae* in Terpene Biotechnology., Dept. of Biology, A.U.Th., January 2009

Makris, A.M., The use of *S. cerevisiae* as an in-vivo model system to evaluate antioxidant small molecules. Workshop on Regional Networking of Researchers in the field of Antioxidants characterization-FP7 REGPOT, Skopje, October 2009

Makris, AM. Development of new improved yeast strains for the production of plant terpenoids with high added value.EEBE conference June 2011 (Greek Society for Biological Research).

Makris, AM. Industrial Biotechnology for the production of high added value products Benakeio Phytopathology Institute, Athens 2012

Makris, AM Genetic perturbations in *Saccharomyces cerevisiae* to enhance sesquiterpenoid and diterpenoid production. 11th International Meeting on Biosynthesis, Function & Biotechnology of Isoprenoids in Terrestrial & Marine Organisms, TERPNET 2013

Makris, AM Microbial cell factories: workhorses for the production of high added value chemicals in an environmentally friendly manner. 66th Congress of Hellenic Society Biochemistry & Molecular Biology 2015

CONFERENCE ABSTRACTS

Legakis, N., Tzouvelekis, L, Makris, A.M. Mutations in *Pseudomonas aeruginosa* which induce resistance to quinolone antibiotics. Annual Conference of the Hellenic Microbiological Society, 1990, Thessaloniki.

Hadziyannis, S. J, Makris, A. M. Comparative study of specificity and sensitivity of molecular methods of Hepatitis B virus detection. Annual Conference of the Hellenic Medical Society, Athens, 1990.

Patriotis, C., Makris, A. M., Bear, S. and Tsihchlis, P. N. Tumor progression locus-2 (Tpl-2), a novel serine threonine kinase targeted by provirus insertion in MoMuLV induced rat T-cell lymphomas. 7th Oncogene meeting, 1991.

Patriotis, C., Makris, A. M., Bear, S. E. and Tsihchlis, P. N. Tumor progression locus-2 (Tpl-2) defines a gene encoding a novel protein kinase activated by provirus insertion. 8th Oncogene meeting, 1992.

Patriotis, C., Makris, A. M. and Tsihchlis, P. N. Regulation of Tpl-2 expression and kinase activity in T-cells. 9th Oncogene meeting, 1993.

Patriotis, C., Makris, A. M., Chernof, J. and Tsihchlis, P. N. Tpl-2 is activated by C-terminal truncation and acts in concert with Ras and Raf-1 to activate the MAP kinase. 10th Oncogene meeting, 1994.

Patriotis, C., Makris, A. M., Chernof, J. and Tsihchlis, P. N. Tpl-2 is activated by C-terminal truncation and acts in concert with Ras and Raf-1 to activate the MAP kinase. 10th Oncogene meeting, 1994.

Makris, A. M., Patriotis, C., McMahon, C., Prasad, V. R., Brent, R., Golemis, E. A. and Tsihchlis, P. N.: Touvlo, a novel protein substrate of Raf-1 and cdk4 synergises with Raf-1 to activate the MAP-kinase. 11th Oncogene meeting, 1995.

Lin, J.-H., Makris, A. M., Patriotis, C., McMahon, C., Golemis, E. A. and Tsihchlis, P. N. Arp-1, a novel ankyrin repeat protein that Hetero-Dimerizes with BCL-XL and MCL-1 Accelerates TNF α -induced apoptosis. 13th Oncogene meeting 1997.

Aggelis, A., Gherraby, W., Lopez Carrillo, A., Sanmartin, M., Hatzopoulos, P., Makris, A. M., and Kanellis, A. K. Low Oxygen regulated genes in tomato fruit. Biology & Biotechnology of the Plant Hormone Ethylene II meeting, 1998.

Atanassova, N., Kampranis, S. C., Damianova, R., Atallah, M., Toby, G., Kondi, G., Tsihchlis, P. N. and Makris, A. M.: A novel plant glutathione S-transferase/oxidase suppresses Bax lethality in yeast. NATO conference on Cell Biology of Plant and Fungal Tip Growth, June 19-23, 2000 Sienna, Italy

Pantos M, Kampranis S.C., Papadakis E., Makris A.M., Balas C. A novel Hyper-Spectral imager for the mapping and monitoring of plant chromophores under nutrition stress conditions. June 2005, 2nd International Greek Biotechnology Forum, Athens, Greece.

Matta, S., Vlad D-L., Kampranis S.C., Makris A.M. Transposon tagging in yeast to identify genes involved in resistance to Bax lethality. October 2005. 13th Euroconference on Apoptosis, Budapest, Hungary.

E. Ioannides, A.M. Makris and A. Kanellis Isolation and identification of genes participating in multicellular glandular trichome initiation from the medicinal plant *Cistus creticus ssp creticus*
Conference of the American Society of Plant Physiologists (ASPP), Boston, USA, August 2006

E. Ioannidi , A. Makris, D. Alexandrou, AK. Kanellis. Proteins interacting with the trichome promoting factor CcTTG1, from the medicinal plant *Cistus creticus ssp creticus*.
Annual Conference of the Hellenic Biochemical Society, Patras, November 2006

Osama Odat, Samer Matta, Sotirios C. Kampranis and Antonios M. Makris Old Yellow Enzymes; new contrasting roles for old enzymes in oxidative stress and programmed cell death in yeast. October 2006. 14th Euroconference on Apoptosis, Sardinia, Italy.

Fani M. Chatzopoulou, Antonios M. Makris, Jörg Degenhardt, Angelos K. Kanellis. Annotation and analysis of ESTs from leaves' trichomes of *Salvia fruticosa*
Annual Conference of the Hellenic Biochemical Society, 2007

Codruta Ignea, Sotirios C. Kampranis, Sofia Loupassaki, Chris B. Johnson, Antonios M. Makris. Production of plant terpenoids in yeast: Engineering yeast strains and enzymes.
FEBS Conference, Athens 2008.

Kostas Kostandopoulos, Athanasios Kaldis, Antonios Makris, K. Vlachonasios. Molecular characterization of jumonji domain transcription factor mutants
EEBE conference May 2010 (Greek Society for Biological Research).

Ignea C., Loupassaki S., Kefalas P., Kanellis A. K., Makris A. M., Kampranis S.C., Combinatorial biosynthesis for the production of functionalized terpenes in *Saccharomyces cerevisiae* in 63rd Congress of the Hellenic Society of Biochemistry and Molecular Biology, 2012, Heraklion, Crete, Greece.

Ignea C., Trikka F. A., Kourtzelis I., Argiriou A., Kanellis A. K., Kampranis S.C., Makris A. M., **Positive genetic interactors of HMG2 identify a new set of genetic perturbations for improving sesquiterpene production in *Saccharomyces cerevisiae*** in 63rd Congress of the Hellenic Society of Biochemistry and Molecular Biology, 2012, Heraklion, Crete, Greece.

Jitka Malcikova, Evangelia Stalika, Zadie Davis, Larry Mansouri, Karla Plevova, Panagiotis Baliakas, Anne Gardiner, Lesley-Ann Sutton, Hana Skuhrova Francova, Achilles Anagnostopoulos, Ian Tracy, Martin Trbusek, Antonis Makris, Chrysoula Belessi, David Gonzalez, Richard Rosenquist, David Oscier, Sarka Pospisilova, Kostas Stamatopoulos Distinct frequency and profiles of TP53 gene mutations in CLL subgroups with distinct antigen receptors: evidence for antigen-driven selection of genomic aberrations **18th Congress of the European Hematology Association 2013**

F. Trikka, C. Ignea, A. Athanasakoglou, A. Nikolaidis, A. Argiriou, D. Bozic, SC. Kampranis, AM Makris. Novel Genetic perturbations in *Saccharomyces cerevisiae* for improving terpenoid production. 11th International Meeting on Biosynthesis, Function & Biotechnology of Isoprenoids in Terrestrial & Marine Organisms, TERPNET 2013

D. Bozic K. Bruckner, D. Papaefthimiou, K. Tsoleridis, E. Dimitriadou, A. Makris, A. Ferrer, D. Manzano, S. Kampranis, A. Tissier, A. Kanellis. Towards elucidating the carnosic acid biosynthetic pathway in sage (*Salvia fruticosa*) and Rosemary (*Rosmarinus officinalis*): Functional characterization of the first steps of the pathway in *E.coli*, *S.cerevisiae* and *N. benthamiana* 11th International Meeting on Biosynthesis, Function & Biotechnology of Isoprenoids in Terrestrial & Marine Organisms, TERPNET 2013

C.Ignea, F.Trikka, I. Kourtzelis, A. Argiriou, A. Kanellis, SC Kampranis, AM Makris Positive Genetic Interactors of *HMG2* identify a new set of genetic perturbations for improving sesquiterpene production in *Saccharomyces cerevisiae*. 11th International Meeting on Biosynthesis, Function & Biotechnology of Isoprenoids in Terrestrial & Marine Organisms, TERPNET 2013

F. Trikka, K. Pasentsis, E. Ioannou, V. Roussis, SC Kampranis, AM Makris, A. Argiriou Metatranscriptome analysis of the red algae *Laurencia microcladia* and preliminary characterization of its terpene biosynthetic pathways. 11th International Meeting on Biosynthesis, Function & Biotechnology of Isoprenoids in Terrestrial & Marine Organisms, TERPNET 2013

Heterologous expression of hydroxytyrosol biosynthetic genes in *Arabidopsis thaliana*: cloning strategy. Mougiou N, Trantas E, Ververidis F., Makris AM, Vlachonasios KE. 2013 Greek Botanical Society Conference, Thessaloniki