

Dr. MARIA GAZOULI
Lecturer of Biology, School of Medicine
University of Athens, Greece
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EDUCATION

- **Georgetown University Medical Center**; Department of Cell Biology and Pharmacology, **Post – Doc** (1998-2000)
The goal of the research was to elucidate the mode of action and define the health hazard risk of hypolipidemic drugs and perfluorinated carboxylic acids PPs, putative suppressors of Leydig cell PBR, cholesterol transport, steroidogenesis and testicular function.
- **University of Athens**; Department of Bacteriology/Hellenic Pasteur Institute and School of Biology, **Ph.D** (1995-1998)
Thesis: Characterization of plasmid-mediated cephalosporinases from *Klebsiella pneumoniae* and *Escherichia coli*.
- **University of Athens**, School of Biology, Bsc. Hons. Biology (1990-1994)

WORK EXPERIENCE

- **University of Athens School of Medicine**; Department of Biology (2003-present), Lecturer
- **University of Athens School of Medicine**; Department of Biology, Principal Investigator (2007) “Frequency and functional role of NRAMP1 gene polymorphisms in Crohn’s disease” Kapodistrias 70/4/9134
- **University of Athens School of Medicine**; Department of Biology, (2007-2010) Co-principal Investigator “NANOMYC Multiparametric detection of bio-molecule conjugated nanoparticles for the diagnostic investigation of mycobacterial infections of humans and animals” LSH-2005-1.2.2-3
- **University of Athens School of Medicine**; Department of Histology – Embryology, Biology (2001-2003) Researcher fellow (post doc): Improvement of prevention diagnosis and treatment of sarcoidosis and Crohn’s disease (QLK2-CT-2000-00928)/ Molecular carcinogenesis
- **NCSR Demokritos**, Institute of Biology, Athens, Greece (2000 - 2001)
Researcher fellow (post doc): Cancer Biology, Genome analysis and in vivo receptor imaging-Radiotherapy, EPET II
- **Georgetown University Medical Center**, Dept. of Cell Biology and Pharmacology, Washington D.C. (1998 – 2000)
Researcher fellow (post – doc): Worked on reproductive toxicology (the way of action of peroxisome proliferators and hypolipidemic drugs on the inhibition of steroidogenesis at mouse Leydig tumor cells) NIH-ES-07747
- **PAVE** (Joint program of the University of Athens, Department of Pharmacognosy, School of Pharmacy, and APIVITA company (1996-1998): Studied antimicrobial and antiseptic activity

of crude extracts and fractions from pharmaceutical plants and propole for the production of new products for skin therapy

- **Georgetown University Medical Center**, Department of Cell Biology, Washington D.C. (1997): Received training on the characterization of a new series of drug ligands for the peripheral-type benzodiazepine receptor in brain glioma and testis Leydig tumor cells
- **PHLS**, Central Public Health Laboratory, London, UK (1995)
Training in the molecular typing techniques of Gram negative bacteria (PFGE, RFLP, Ribotyping, ERIC-PCR); Gram negative Union

PUBLICATIONS (International Journals)

A1-Tzouvelekis LS, Prinarakis E, **Gazouli M**, Miriagou V, Tzelepi E, Legakis NJ. (1996). In vitro activity of cefetamet against enterobacteria expressing an SHV-5 type β -lactamase. *Chemotherapy* 42: 324-328.

A2-Prinarakis E, Tzelepi E, **Gazouli M**, Mentis AF, Tzouvelekis LS. (1996). Characterization of a novel SHV β -lactamase variant that resembles the SHV-5 enzyme. *FEMS Microbiology Letters* 139: 229-234.

A3-**Gazouli M**, Tzouvelekis LS, Prinarakis E, Miriagou V, Tzelepi E. (1996). Transferable cefoxitin resistance in enterobacteria isolated from Greek hospitals and characterization of a plasmid-mediated group 1 β -lactamase (LAT-2). *Antimicrobial Agents and Chemotherapy* 40: 1736-1740.

A4-**Gazouli M**, Kaufmann M, Tzelepi E, Dimopoulou H, Paniara O, Tzouvelekis LS. (1997). Study of an outbreak of cefoxitin-resistant *Klebsiella pneumoniae* in a General Hospital. *Journal of Clinical Microbiology* 35: 508-510.

A5-Tzouvelekis LS, **Gazouli M**, Prinarakis EE, Tzelepi E, Legakis NJ. (1997). Comparative evaluation of the inhibitory activities of the novel penicillanic acid sulfone Ro 48-1220 against β -lactamases that belongs to groups 1, 2b, and 2be. *Antimicrobial Agents and Chemotherapy* 41: 475-477.

A6-Prinarakis E, Miriagou V, Tzelepi E, **Gazouli M**, Tzouvelekis LS. (1997). Emergence of an inhibitor-resistant β -lactamase (SHV-10) derived from an SHV-5 variant. *Antimicrobial Agents and Chemotherapy* 41: 838-840.

A7-Tzouvelekis LS, Zissis NP, **Gazouli M**, Tzelepi E, Legakis NJ. (1997). In vitro comparative assessment of β -lactamase inhibitors and their penicillin combinations against selected enterobacteria. *International Journal of Antimicrobial Agents* 8: 193-197.

A8-**Gazouli M**, Sidorenko S, Tzelepi E, Kozlova N, Gladin NP, Tzouvelekis LS. (1997). A plasmid-mediated β -lactamase conferring resistance to cefotaxime in a clone of *Salmonella typhimurium* found in St.-Petersbourg, Russia. *Journal of Antimicrobial Chemotherapy* 41: 119-121

- A9**-Tzouvelekis LS, Tzelepi E, Prinarakis E, **Gazouli M**, Katrahoura A, Giakkoupi P, Paniara O, Legakis NJ. (1998). Sporadic emergence of *Klebsiella pneumoniae* strains resistant to cefepime in Greek hospitals. *Journal of Clinical Microbiology* 36: 266-268
- A10**-**Gazouli M**, Tzelepi E, Sidorenko SV, Tzouvelekis LS. (1998). Sequence of the gene encoding a plasmid-mediated cefotaxime-hydrolyzing class A β -lactamase (CTX-M-4): Involvement of serine 237 in cephalosporine hydrolysis. *Antimicrobial Agents and Chemotherapy* 42: 1259-1262
- A11**-Giakkoupi P, Miriagou V, **Gazouli M**, Tzelepi E, Legakis NJ, Tzouvelekis LS. (1998). Properties of mutant SHV-5 β -lactamases constructed by substitution of methionine to isoleukine or valine at position 69. *Antimicrobial Agents and Chemotherapy* 42: 1281-1283
- A12**-Tzouvelekis LS, **Gazouli M**, Markogiannakis A, Paraskaki E, Legakis NJ, Tzelepi E. (1998). Emergence of third-generation cephalosporin-resistant *Salmonella typhimurium* in Greece: report of the first three cases. *Journal of Antimicrobial Chemotherapy* 42: 273-275
- A13**-**Gazouli M**, Tzouvelekis LS, Vatopoulos AC, Tzelepi E. (1998). Transferable class C β -lactamases in *Escherichia coli* strains isolated in Greek hospitals and characterization of two enzyme variants (LAT-3 and LAT-4) closely related to *Citrobacter freundii* AmpC β -lactamase. *Journal of Antimicrobial Chemotherapy* 42: 419-425
- A14**-**Gazouli M**, Tzelepi E, Markogiannakis A, Legakis NJ, Tzouvelekis LS. (1998). Two novel plasmid-mediated cefotaxime-hydrolyzing β -lactamases (CTX-M-5 and CTX-M-6) from *Salmonella typhimurium*. *FEMS Microbiology Letters*, 165: 289-293
- A15**-**Gazouli M**, Legakis N.J., Tzouvelekis L.S. (1998). Effect of substitution of Asn for Arg-276 in the cefotaxime-hydrolyzing class A β -lactamase CTX-M-4. *FEMS Microbiology Letters* 169: 289-293.
- A16**-Demetzos C, Stahl B, Anastassaki T, **Gazouli M**, Tzouvelekis LS, Rallis M. (1999). Chemical analysis and antimicrobial activity of the resin "Ladano", of its essential oil and of the isolated compounds. *Planta Medica*, 65: 76-78
- A17**-Economakis C, Demetzos C, Anastassaki T, Papazoglou V, **Gazouli M**, Loukis A, Thanos C.A., Harvala C. (1999) Volatile constituents of bracts and leaves of wild and cultivated *Origanum dictamnus*. *Planta Medica* 65: 189-191
- A18**-Anastassaki Th, Demetzos C, Perdetzoglou D, **Gazouli M**, Loukis A, Harvala C. (1999) Analysis of labdane type diterpenes of *Cistus creticus* (subsp. *creticus* and subsp. *eriocephalus*) by Gc and GC-MS. *Planta Medica* 65: 735-739
- A19**-Tassios PT, **Gazouli M**, Tzelepi E, Milch H, Kozlova N, Sidorenko S, Legakis NJ, Tzouvelekis LS. (1999) Spread of a *Salmonella typhimurium* clone resistant to expanded-spectrum cephalosporins in three European countries. *Journal of Clinical Microbiology* 37: 3774-3777
- A20**-Demetzos C, Perdetzoglou D, **Gazouli M**, Tan K, Economakis C. (2000) Chemical analysis and antimicrobial studies on three species of *Ferulago* from Greece. *Planta Medica* 66: 560-563

- A21-**Boujard N, Vidic B, **Gazouli M**, Culty M, Papadopoulos V. (2000), The peroxisome proliferator perfluorodecanoic acid inhibits the peripheral-type benzodiazepine receptor (PBR) expression and hormone-stimulated mitochondrial cholesterol transport and steroid formation in Leydig cells. *Endocrinology* 141: 3137-3148
- A22-**Dees JH, **Gazouli M**, Papadopoulos V. (2001) Effect of mono-ethylhexyl phthalate on MA-10 Leydig tumor cells. *Reprod Toxicol* 15: 171-187
- A23-**Culty M, Silver P, Nakazato A, **Gazouli M**, Li H, Muramatu M, Okuyama M, Papadopoulos V. (2001) Peripheral Benzodiazepine Receptor binding properties and effects on steroid synthesis of two new phenoxyphenyl-acetamide derivatives, DAA1097 and DAA1106. *Drug Development Research* 52: 475-484
- A24-****Gazouli M**, Yao Z, Boujard N, Corton Ch, Culty M, Papadopoulos V. (2002) Effect of peroxisome proliferators on Leydig cell peripheral-type benzodiazepine receptor gene expression, hormone-stimulated cholesterol transport and steroidogenesis: role of the peroxisome proliferator-activator receptor α . *Endocrinology* 143:2571-2583
- A25-****Gazouli M**, Ikonomopoulos J, Trigidou R, Foteinou M, Kittas Ch, Gorgoulis V. (2002) Assessment of mycobacterial, propionibacterial and human herpesvirus 8 DNA in tissues of Greek patients with sarcoidosis. *J.Clin. Microbiol* 40:3060-3063
- A26-****Gazouli M**, Han Z, Papadopoulos V. (2002) Identification of a peptide antagonist to the peripheral-type benzodiazepine receptor (PBR) that inhibits hormone-stimulated Leydig cell steroid formation. *J. Pharmacol. Exper. Therap.* 303:627-632
- A27-****Gazouli M**, Kokotas S, Zoumpourlis V, Zacharatos P, Mariatos G, Kletsas D, Perunovic B, Athanasiou A, Kittas Ch, Gorgoulis V. (2002) The complement inhibitor CD59 and the lymphocyte function-associated antigen-3 (LFA-3, CD58) genes possess functional binding sites for the p53 tumor suppressor protein. *Anticancer Res.* 22:4237-4242
- A28-**Metaxa-Mariatou V, Belogianni I, Michalatos M, **Gazouli M**, Ikonomou K, Gougoulakis S, Vakalis N, Liberatos K, Politakis E, Skoumas V, Philalithis P, Nasioulas G. (2003) Incidence of *Mycobacterium tuberculosis* in Greece in a variety of clinical specimens using PCR assay for the IS6110 and mpt40 genomic loci. *Ann Microbiol* 53:117-127
- A29-**Ikonomopoulos J, Kokotas S, **Gazouli M**, Zavras A, Stoitsiou M, Gorgoulis V. (2003) Molecular diagnosis of Leishmaniosis in dogs. Comparative application of traditional diagnostic methods and the proposed assay on clinical samples. *Veterinary Parasitology* 113:99-113
- A30-** Zavos G, Bokos J, Papaconstantinou I, Boletis J, **Gazouli M**, Pappas P, Kostakis A. (2003) Study of "de novo" malignancies among Greek renal-transplant recipients. *Transplant Proc* 35:1399-1403
- A31-** Andreadou I, Poussios D, Papalois A, Gavalakis N, Aroni K, **Gazouli M**, Gorgoulis V, Fotiadis C. (2003) Effect of U-74389G (21-Lazaroid) on intestinal recovery after acute mesenteric ischemia and reperfusion in rats. *In Vivo* 17:463-468

- A32- Gazouli M, Zacharatos P, Mantzaris G, Ikonomopoulos I, Papalambros E, Gorgoulis V (2004) The C3435T *MDRI* Gene Polymorphism is not associated with susceptibility for Ulcerative Colitis in a Greek Population. *Gastroenterology* 126:367-369**
- A33- Androulaki A, Drakos E, Hatzianastassiou D, Vgenopoulou S, Gazouli M, Korkolopoulou P, Patsouris E, Dosi os T (2004) Pyothorax-associated lymphoma (PAL): a western case with marked angiocentricity and review of the literature. *Histopathology* 44:69-76**
- A34- Ikonomopoulos J, Gazouli M, Pavlik I, Bartos M, Zacharatos P, Xylouri E, Papalambros E, Gorgoulis V (2004) Comparative evaluation of PCR assays for the robust molecular detection of *Mycobacterium avium* subsp *paratuberculosis*. *J Microbiol Meth* 56:315-321**
- A35- Gazouli M, Zavos G, Papaconstantinou I, Lukas JC, Zografidis A, Boletis J, Kostakis A. (2004) The interleukin-6⁻¹⁷⁴ promoter polymorphism is associated with a risk of development of Kaposi Sarcoma in renal transplant recipients. *Anticancer Res* 24 (2C):1311-1314**
- A36- Metaxa-Mariatou V, Vakalis N, Gazouli M, Nasioulas G. (2004) The 500-base-pair fragment of the putative gene RvD1-Rv2031c is also present in the genome of Mycobacterium tuberculosis. *In Vivo* 18:33-35**
- A37- Metaxa-Mariatou V, Chiras T, Loli A, Gazouli M, Vallis D, Nasioulas G. (2004) Molecular analysis of Kaposi's sarcoma occurring during haemodialysis. *Clin Exp Dermatol*. 29:188-191**
- A38- Zavos G, Bokos J, Papaconstantinou I, Boletis J, Gazouli M, Kakasis J, Zografidis A, Kostakis A. (2004) Clinicopathological aspects of 18 Kaposi's Sarcoma among 1055 Greek renal transplant recipients. *Artificial Organs* 28:595-599**
- A39- Zavos G, Gazouli M, Psimenou E, Papaconstantinou I, Bokos J, Boletis J, Zografidis A, Kostakis A. (2004) Polyomavirus BK infection in Greek renal transplant recipients. *Transplant Proc* 36:1413-1414.**
- A40- Gazouli M, Papaconstantinou I, Zavos G, Metaxa-Mariatou V, Nasioulas G, Boletis J, Arapadoni-Dadioti P, Giaslakitiotis K, Zografidis A, Kostakis A. (2004) Human herpesvirus type 8 genotypes in iatrogenic, classic and AIDS-associated Kaposi's sarcoma from Greece. *Anticancer Res* 24 (3A):1597-1602**
- A41- Pilichos CJ, Kouerinis IA, Zografos GC, Korkolis DP, Preza AA, Gazouli M, Menenakos EI, Loutsidis AE, Zagouri F, Gorgoulis VG, Fotiadis CI. (2004) The effect of nitric oxide inhibitors on the inflammatory bowel disease in a rat model. *In Vivo* 18(4): 513-516**
- A42- Gazouli M, Zacharatos P, Mantzaris GJ, Barbatis C, Ikonomopoulos I, Archimandritis AJ, Lukas JC, Papalambros E, Gorgoulis V (2004) Association of *NOD2/CARD15* variants with Crohn's disease in a Greek population. *Eur J Gastroent Hepat* 16:1177-1182**
- A43- Lukas JC, Karikas G, Gazouli M, Kalabalikis P, Hatzis T, Macheras P (2004) Pharmacokinetics of teicoplanin in an ICU population of children and infants. *Pharmaceut Res* 21:2064-2071**
- A44- Zavos G, Papaconstantinou I, Gazouli M, Bokos J, Zografidis**

A, Lukas JC, Boletis J, Kostakis A. (2004) Association of HHV8 with posttransplant Kaposi's sarcoma in Greece. *Dialysis Transplant* 33:770-772

A45-Gazouli M, Mantzaris G, Kotsinas A, Zacharatos P, Papalambros E, Archimandritis A, Ikonomopoulos J, Gorgoulis VG (2005) Association between polymorphisms in the Toll-like receptor 4, CD14, and CARD15/NOD2 and Inflammatory Bowel Disease in the Greek population. *World J Gastroenterol* 11:681-685

A46-Theodoropoulos G, Panoussopoulos D, Papaconstantinou I, **Gazouli M**, Perdiki M, Bramis J, Lazaris A. (2005) Assessment of JC polyoma virus in colon neoplasms. *Dis Colon & Rectum* 48:86-91

A47- Papaconstantinou I, Theodoropoulos G, **Gazouli M**, Panoussopoulos D, Mantzaris GJ, Felekouras E, Bramis J. (2005) Association between mutations in the CARD15/NOD2 gene and colorectal cancer in a greek population. *Int J Cancer* 114:433-435

A48 – Nikiteas NI, Tzanakis N, **Gazouli M**, Rallis G, Daniilidis K, Theodoropoulos G, Kostakis A, Peros G. (2005) Serum IL-6, TNF α and CRP levels in Greek colorectal cancer patients: Prognostic implications. *World J Gastroenterol* 11:1639-1643

A49- Zavos G, Gazouli M, Papaconstantinou I, Lukas J, Zografidis A, Kostakis A, Nasioulas G (2005) Prevalence of human herpesvirus 8 DNA sequences in human immunodeficiency virus negative individuals without Kaposi's sarcoma in Greece. *In Vivo* 19:729-732

A50- Zavos G, Kakasis J, Bokos J, Papaconstantinou I, Pappas P, **Gazouli M**, Kostakis A. (2005) Spontaneous Perforation of the Intestine in Renal Transplant Recipients. *Dialysis & Transplantation* 34:556-561

A51- Gazouli M, Ikonomopoulos J, Koundourakis A, Bartos M, Pavlik I, Overduin P, Kremer K, Gorgoulis V, Kittas C. (2005) Characterization of Mycobacterium tuberculosis complex Isolates from Greek Patients with Sarcoidosis, by Spoligotyping. *J Clin Microbiol* 43:4858-4861

A52- Inclan G, Suarez E, Calvo R, Aguirre C, Macheras P, **Gazouli M**, Lukas JC (2005) Bicompartamental kinetics of tobramycin analysed with a wide range of covariates. *International Journal of Antimicrobial Agents* 26:304-311

A53- Metaxa-Mariatou V, Papaioannou D, Loli A, Papadopoulou I, **Gazouli M**, Mavroudis P, Nasioulas G (2005) Subtype C1 persistent infection of HHV-8 in a PEL patient. *Leukemia & Lymphoma* 46:1507-1512.

A54- Sechi L, Gazouli M, Ikonomopoulos J, Lukas JC, Scanu AM, Ahmed N, Fadda G, Zanetti S. (2005) Mycobacterium avium subsp. paratuberculosis, genetic susceptibility to Crohn's disease and Sardinians: the way ahead. *J Clin Microbiol* 43:5275-5277.

A55- Ikonomopoulos J, Pavlik I, Bartos M, Svastova P, Ayele W, Roubal P, Lukas J, Cook N, **Gazouli M** (2005) Detection of Mycobacterium avium subsp. paratuberculosis in retail cheeses from Greece and the Czech Republic. *App Environm Microbiol* 71:8934-8936

A56- Gazouli M, Mantzaris C, Archimandritis AJ, Nasioulas G, Anagnou NP. (2005) Single nucleotide polymorphisms of the OCTN1, OCTN2, and DLG5 genes in Greek patients with Crohn's disease. *World J Gastroenterol* 11(47):7525-7530

A57- Theodoropoulos GE, Lazaris A, Theodoropoulos VE, Papatheodosiou K, **Gazouli M**, Bramis J, Patsouris E, Panoussopoulos D (2006) Hypoxia, angiogenesis and apoptosis markers in locally advanced rectal cancer. *International Journal of Colorectal Disease* 3:248-257

A58-Theodoropoulos G, **Gazouli M**, Ikonomopoulos JA, Kantzoura V, Kominakis A. (2006) Determination of prevalence and risk factors of infection with Babesia in small ruminants from Greece by polymerase chain reaction amplification. *Veterinary Parasitology* 135:99-104

A59-Gazouli M, Koundourakis A, Ikonomopoulos J, Gialafos EJ, Rapti A, Gorgoulis VG, Kittas C (2006) CARD15/NOD2, CD14, and Toll-like receptor 4 gene polymorphisms in Greek patients with sarcoidosis. *Sarcoidosis Vasc Dif Lung Dis* 23:23-29.

A60-Theodoropoulos G, Papaconstantinou I, Felekouras E, Nikiteas N, Karakitsos P, Panoussopoulos D, Lazaris A, Patsouris E, Bramis J, **Gazouli M** (2006) Relation between Common Polymorphisms in Genes Related to Inflammatory Response and Colorectal Cancer. *World J Gastroenterol* 12:5037-5043

A61- Tzanakis N, **Gazouli M**, Rallis G, Giannopoulos G, Papaconstantinou I, Pikoulis E, Tsigris Ch, Karakitsos P, Peros G, Nikiteas N (2006) Vascular Endothelial Growth Factor Polymorphisms in Gastric Cancer Development, Prognosis and Survival. *J Surg Oncol* 94:624-630.

A62- Ikonomopoulos J, **Gazouli M**, Dontas I, Sechi L, Lukas JC, Balaskas Ch, Gorgoulis V, Kittas Ch. (2006) The infectivity of sarcoid clinical material and its bacterial content inoculated in CBA mice. *In Vivo* 20:807-813

A63- Sechi LA, **Gazouli M**, Sieswerda L, Molicotti P, Ahmed N, Ikonomopoulos J, Scanu AM, Paccagnini D, Zanetti S. (2006) Relationship between Crohn's Disease, infection with Mycobacterium avium subspecies paratuberculosis and slc11a1 gene polymorphisms in Sardinian patients. *World J Gastroenterol* 28:7161-7164

A64- Ikonomopoulos J, Aranaz A, Balaskas C, Sechi L, **Gazouli M** (2006) Outbreak of acute tuberculosis in a goat herd; the first report of Mycobacterium caprae isolation in Greece. *Online Journal of Veterinary Research* 10 (2) : 108 - 115

A65- Nikiteas N, Tzanakis N, Theodoropoulos G, Atsaves V, Christoni Z, Karakitsos P, Lazaris A, Papachristodoulou A, Klonaris Ch, **Gazouli M**. (2007) Vascular endothelial growth factor and endoglin (CD-105) in gastric cancer. *Gastric Cancer* 10(1):12-17

A66- Ikonomopoulos J, Balaskas Ch, Kantzoura B, Fragiadaki E, Pavlik I, Bartos M, Lukas JC, **Gazouli M** (2007) Comparative evaluation of positivity to Mycobacterium avium subsp. paratuberculosis in clinically healthy sheep and goats of South -West Greece using molecular techniques, serology, and culture. *Veterinary J* 174:337-343

A67- Gazouli M, Koundourakis A, Ikonomopoulos J, Gialafos EJ, Papaconstantinou I, Nasioulas G, Lukas JC, Gorgoulis VG. (2007) The functional polymorphisms of NRAMP1 gene in Greeks with sarcoidosis. *Sarcoidosis Vasc Dif Lung Dis* 24:81-160

- A68-**Goutas N, Vlachodimitropoulos D, Bouka M, Lazaris AC, Nasioulas G, **Gazouli M**. (2008) BRAF and K-RAS mutation in a Greek papillary and medullary thyroid carcinoma cohort. *Anticancer Res* 28:305-308
- A69- Gazouli M**, Atsaves V, Matzaris G, Economou M, Nasioulas G, Evagelou K, Archimandritis A, Anagnou N. (2008) The role of functional polymorphisms of NRAMP1 gene for the development of Crohn's disease. *Inflam Bowel Dis* 14:1323-1330
- A70- Gazouli M**, Sechi L, Paccagnini D, Sotgiu S, Arru G, Nasioulas G, Vassilopoulos D. (2008) NRAMP1 polymorphism and viral factors in Sardinian multiple sclerosis patients. *Canadian Journal of Neurological Sciences* 35:491-494
- A71-** Christopoulos P, Mastorakos G, **Gazouli M**, Panidis D, Deligeoroglou E, Papadias K, Diamanti-Kandarakis E, Creatsas G. (2008) Genetic variants in TCF7L2 and KCNJ11 genes in a Greek population with polycystic ovary syndrome. *Gynecol Endocrinol* 24:486-490
- A72-** Franke A, Balschun T, Karlsen TH, Sventoraityte J, Nikolaus S, Mayr G, Domingues FS, Albrecht M, Nothnagel M, Ellinghaus D, Sina C, Onnie CM, Weersma RK, Stokkers PCF, Wijmenga C, **Gazouli M**, Strachan D, McArdle WL, Vermeire S, Rutgeerts P, Rosenstiel P, Krawczak M, Vatn MH and the IBSen study group, Mathews CG, Schreiber S. (2008) Sequence variants in IL10, ARPC2 and multiple other loci contribute to ulcerative colitis susceptibility. *Nat Genet* 40:1319-1323
- A73-** Androulaki A, Papatomas TG, Liapis G, Papaconstantinou I, **Gazouli M**, Goutas N, Bramis K, Papalambros A, Lazaris AC, Papalambros E. (2008) Inflammatory pseudotumor associated with Mycobacterium tuberculosis infection. *Int J Infect Dis* 12(6):607-610
- A74-** Türe-Özdemir F, **Gazouli M**, Tzivras M, Panagos C, Bovaretos N, Petraki K, Giannakopoulos A, Korkolopoulou P, Mantzaris GJ. (2008) Association of Polymorphisms of NOD2, TLR4 and CD14 Genes with Susceptibility to Gastric Mucosa-associated Lymphoid Tissue Lymphoma. *Anticancer Res* 28: 3697-3700
- A75- Gazouli M**, Tzanakis N, Rallis G, Theodoropoulos G, Papaconstantinou I, Kostakis A, Anagnou NP, Nikiteas N. (2009) Survivin -31G/C promoter polymorphism and sporadic colorectal cancer. *Int J Colorectal Dis.* 24(2):145-50.
- A76-** Ikonomopoulos J, Fragkiadaki E, Liandris E, Sotirakoglou K, Xylouri E, **Gazouli M**. (2009) Estimation of the spread of pathogenic mycobacteria in organic broiler farms by the polymerase chain reaction. *Vet Microbiol.* 133(3):278-82.
- A77-** Ikonomopoulos J, Liandris E, Andreadou M, **Gazouli M**. (2009) Associations between abortion-records in goats and test-positivity to *Mycobacterium avium* subsp *paratuberculosis*. *The Open Veterinary Science Journal* 3:1-5
- A78-** Liandris E, **Gazouli M**, Ikonomopoulos J. (2009) Characterization of the caprine (*Capra hircus*) SLC11A1 gene: innate resistance to paratuberculosis. *The Open Veterinary Science Journal* 13:41-52

- A79-**Dassoulas K, **Gazouli M**, Rizos S, Theodoropoulos G, Christoni Z, Nikiteas N, Karakitsos P. (2009) Common polymorphisms in the vascular endothelial growth factor gene and colorectal cancer development, prognosis and survival. *Molecular Carcinogenesis* 48:563-569
- A80-** Liandris E, **Gazouli M**, Andreadou M, Čomor M, Abazovic M, Sechi LA, Ikonomopoulos J. (2009) Direct detection of unamplified DNA from pathogenic mycobacteria using DNA-derivatized gold nanoparticles. *J Microbiol Meth* 78:260-4
- A81-** Paccagnigni D, Sieswerda L, Rosu V, Masala S, Pacifico A, **Gazouli M**, Ikonomopoulos J, Ahmed N, Zanetti S, Sechi LA. (2009) Linking chronic infection and autoimmune diseases: Mycobacterium avium subspecies paratuberculosis, SCL11A1 polymorphisms and type-1 diabetes mellitus. *PloS ONE* 4:e7109
- A82-Gazouli M**, Katsantoni E, Kosteas Th, Anagnou NP. (2009) Persistent fetal γ -globin expression in adult transgenic mice following deletion of two silencer elements located 3' to the human A γ -globin gene. *Mol Med* 15:415-424
- A83-** Griniatsos J, Sougioultzis S, Giaslaktiotis K, **Gazouli M**, Prassas E, Felekouras E, Michail O, Avgerinos E, Pikoulis E, Kouraklis G, Delladetsima I, Tzivras M. (2009) Does Helicobacter pylori identification in the mucosa of the gallbladder correlate with cholesterol gallstone formation? *West Indian Med J.* 58:428-32
- A84-Gazouli M**, Pachoula I, Panayotou I, Mantzaris G, Syriopoulou VP, Goutas N, Vlachodimitropoulos D, Anagnou NP, Roma-Giannikou E. (2010) Thiopurine S-methyltransferase genotype and the use of thiopurines in paediatric inflammatory bowel disease Greek patients. *J Clin Pharm Ther* 35:93-97
- A85-**Chatzimichalis M, Xenellis J, Tzagaroulakis A, Sarof P, Banis K, **Gazouli M**, Bibas A. (2010) GSTT1, GSTM1, GSTM3 and NAT2 polymorphisms in laryngeal squamous cell carcinoma in a Greek population. *The Journal of Laryngology & Otology* 124:318–323.
- A86-** Franke A, Balschun t, Sina C, Ellinghaus D, Häsler R, Mayr G, Albrecht M, Wittig M, Buchert E, Nikolaus S, Gieger C, Wichmann H-E, Sventoraityte J, Kupcinskis L, Onnie CM, **Gazouli M**, Anagnou NP, Strachan D, McArdle WL, Mathew CG, Rutgeerts P, Vermeire S, Vatn MH and the IBSEN study group, Krawczak M, Rosenstiel P, Karlsen TH & Schreiber S. (2010) Genome-wide association study for ulcerative colitis identifies risk loci at 7q22 and 22q13 (IL17REL). *Nat Genet* 42:292-4.
- A87-Gazouli M**, Pachoula I, Panayotou I, Mantzaris G, Chrousos G, Anagnou NP, Roma-Giannikou E. (2010) NOD2/CARD15, ATG16L1 and IL23R gene polymorphisms and childhood-onset of Crohn's disease. *World J Gastroenterol.* 16:1753-8
- A88-** Mourelatou EA, Spyratou E, Georgopoulos A, Makropoulou M, Liandris E, **Gazouli M**, Ikonomopoulos J, Demetzos C. (2010) Development and characterization of oligonucleotide-tagged dye-encapsulating EPC / DPPG liposomes. *Journal of Nanoscience and Nanotechnology* 10:5548-5556
- A89-**Dassoulas K, **Gazouli M**, Theodoropoulos G, Christoni Z, Rizos S, Zisi-Serbetzoglou A, Glava C, Karantanos T, Klonaris C, Karakitsos P. (2010) Vascular Endothelial Growth Factor and Endoglin expression in colorectal cancer. *Journal of Cancer Research and Clinical Oncology* 136:703-8

A90- Theodoropoulos GE, Panoussopoulos GS, Michalopoulos NV, Zambirinis CP, Taka S, Stamopoulos P, **Gazouli M**, Zografos G. (2010) Analysis of the stromal cell-derived factor 1-3'A gene polymorphism in pancreatic cancer. *Molecular Medicine Reports* 3: 693-698

A91-Gazouli M, Liandris E, Andreadou M, Sechi LA, Masala S, Paccagnini D, Ikonomopoulos J. (2010) Specific Detection of Unamplified Mycobacterial DNA Using Fluorescent Semiconductor Quantum Dots and Magnetic Beads. *J Clin Microbiol* 48: 2830-2835

A92-Christopoulos P, Mastorakos G, **Gazouli M**, Deligeoroglou E, Katsikis I, Diamanti-Kandarakis E, Panidis D, Creatsas G. (2010) Study of association of IRS-1 and IRS-2 genes polymorphisms with clinical and metabolic features in women with polycystic ovary syndrome. Is there an impact? *Gynecol Endocrinol* 26:698-703

A93- Korou LM, Liandris E, **Gazouli M**, Ikonomopoulos J (2010) Investigation of the association 1 of the SLC11A1 gene with resistance/sensitivity of 2 goats (*Capra hircus*) to paratuberculosis. *Vet Microbiol* 144:353-8.

A94- Christopoulos P, Mastorakos G, **Gazouli M**, Deligeoroglou E, Katsikis I, Diamanti-Kandarakis E, Panidis D, Creatsas G. (2010) Peroxisome proliferator-activated receptor- γ and - δ polymorphisms in women with polycystic ovary syndrome. *Ann N Y Acad Sci*. 2010;1205:185-91.

A95-Theodoropoulos GE, Michalopoulos NV, Panoussopoulos SG, Taka S, **Gazouli M** (2010) Effect of caspase-9 and survivin gene polymorphisms in pancreatic cancer risk and tumor characteristics. *Pancreas* 39:976-80.

A96-Panoussopoulos GS, Theodoropoulos G, Michalopoulos NV, **Gazouli M**, Flessas J, Taka S, Stamopoulos P, Manouras A, Zografos GC. (2010) Analysis of E-Selectin S128R Gene Polymorphism in Pancreatic Cancer. *J Surg Oncol* 102:604-7.

A97-Anderson CA, Boucher G, Lees CW, Franke A, D'Amato M, Taylor KD, Lee JC, Goyette P, Imielinski M, Latiano A, Lagacé C, Scott R, Amininejad L, Bumpstead S, Baidoo L, Baldassano RN, Barclay M, Bayless TM, Brand S, Büning C, Colombel JF, Denson LA, De Vos M, Dubinsky M, Edwards C, Ellinghaus D, Fehrmann RS, Floyd JA, Florin T, Franchimont D, Franke L, Georges M, Glas J, Glazer NL, Guthery SL, Haritunians T, Hayward NK, Hugot JP, Jobin G, Laukens D, Lawrance I, Lémann M, Levine A, Libioulle C, Louis E, McGovern DP, Milla M, Montgomery GW, Morley KI, Mowat C, Ng A, Newman W, Ophoff RA, Papi L, Palmieri O, Peyrin-Biroulet L, Panés J, Phillips A, Prescott NJ, Proctor DD, Roberts R, Russell R, Rutgeerts P, Sanderson J, Sans M, Schumm P, Seibold F, Sharma Y, Simms LA, Seielstad M, Steinhart AH, Targan SR, van den Berg LH, Vatn M, Verspaget H, Walters T, Wijmenga C, Wilson DC, Westra HJ, Xavier RJ, Zhao ZZ, Ponsioen CY, Andersen V, Torkvist L, **Gazouli M**, Anagnou NP, Karlsen TH, Kupcinskas L, Sventoraityte J, Mansfield JC, Kugathasan S, Silverberg MS, Halfvarson J, Rotter JI, Mathew CG, Griffiths AM, Gearry R, Ahmad T, Brant SR, Chamaillard M, Satsangi J, Cho JH, Schreiber S, Daly MJ, Barrett JC, Parkes M, Annese V, Hakonarson H, Radford-Smith G, Duerr RH, Vermeire S, Weersma RK, Rioux JD. Meta-analysis identifies 29 additional ulcerative colitis risk loci, increasing the number of confirmed associations to 47. *Nat Genet*. 2011;43:246-52.

A98- Pappa K, **Gazouli M**, Economou K, Anastasiou E, Anstaklis A, Anagnou NP. (2010) Gestational diabetes mellitus shares polymorphisms of genes associated with insulin resistance and type 2 diabetes. *Gynecol Endocrinol* 2011;27:267-72.

A99- Markoutsaki T, Karantanos T, **Gazouli M**, Anagnou NP, Karamanolis DG. (2011) 5-HT2A Receptor Gene Polymorphisms and Irritable Bowel Syndrome. *J Clin Gastroent* (in press)

A100- Liemarkopoulos E, **Gazouli M**, Aravantinos G, Tzanakis N, Theodoropoulos G, Rizos S, Nikiteas N. (2011) Caspase 8 and caspase 9 gene polymorphisms and susceptibility to gastric cancer. *Gastric Cancer*. (in press)

A101-Gazouli M, Roubelakis MG, Theodoropoulos GE, Papailiou J, Vaiopoulou A, I Pappa K, Nikiteas N, Anagnou NP (2011) OCT4 spliced variant OCT4B1 is expressed in human colorectal cancer. *Mol Carcinog* (in press)

A102-Theodoropoulos GE, **Gazouli M**, Vaiopoulou A, Leandrou M, Nikouli S, Vassou E, Kouraklis G, Nikiteas N. (2011) Polymorphisms of Caspase 8 and Caspase 9 gene and colorectal cancer susceptibility and prognosis. *Int J Colorectal Dis*. (in press)

A103- Markoutsaki T, Karantanos T, **Gazouli M**, Anagnou NP, Ladas SD, Karamanolis DG (2011) Serotonin Transporter and G Protein Beta 3 Subunit Gene Polymorphisms in Greeks with Irritable Bowel Syndrome. *Dig Dis Sci* (in press)

A104-Patrikakos P, Toutouzas KG, **Gazouli M**, Perrea D, Menenakos E, Papadopoulos S, Zografos G (2011) Long-Term Plasma Ghrelin and Leptin Modulation After Sleeve Gastrectomy in Wistar Rats in Comparison with Gastric Tissue Ghrelin Expression. *Obes Surg*. (in press)

B. Κύρια άρθρα (Reviews, Editorials)

B1- Hauet T, Liu J, Li MH, **Gazouli M**, Culty M, Papadopoulos V. (2002) PBR, STAR and PKA: Partners in cholesterol transport in steroidogenic cells. *Endocrine Research* 28:399-405
(**Review**)

B2-Gazouli M. (2005) NOD2/CARD15 mediates the inflammatory responses in inflammatory bowel diseases (IBDs). *Annals of Gastroenterology* 18: 16-18

B3- Zambirinis CP, Theodoropoulos G, **Gazouli M.** (2009) Undefined familial colorectal cancer. *World J Gastrointest Oncol* 1:12-20

B4-Karantanos T, Markoutsaki T, **Gazouli M**, Anagnou NP, Karamanolis DG. (2010)Current insights in to the pathophysiology of Irritable Bowel Syndrome. *Gut Pathogens* 2:3

B5-Christopoulos P, **Gazouli M**, Fotopoulou G, Kreatsas G. (2009) The role of genes in the development of Mullerian anomalies. Where are we today? *Obstet Gynecol Surv* 64:760-8

B6-Chowers Y, Sturm A, Sans M, Papadakis K, **Gazouli M**, Harbord M, Jahnel J, Mantzaris GJ, Meier J, Motter C, Peyrin-Biroulet L, Allez M. (2010) Report of the ECCO workshop on anti-TNF therapy failures in inflammatory bowel diseases: Biological roles and effects of TNF and TNF antagonists. *J Crohn's and Colitis* 4:367-376

B7-Papailiou J, Bramis KJ, Gazouli M, Theodoropoulos G. (2010) Stem cells in colon cancer. A new era in cancer theory begins. *Int J Colorectal Dis* 2011;26:1-11