

Europass Curriculum Vitae



Personal information

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 Nationality Greek
 Date of birth 20 January 1956
 Gender Male

Work experience

Dates	December 2007-today
Occupation or position held	Hellenic National Research Foundation stem cell bank president of the board
Dates	March 2006-2014
Occupation or position held	President and share holder of Biohellenika biotechnology company
Dates	January 1991–October 2006
Occupation or position held	Laboratory scientific officer in the radioimmunoassay centre of Nuclear Medicine “Hippocrates”
Dates	January 1991–October 2006
Occupation or position held	Founding member and special Nuclear Doctor in Nuclear Medicine center “Hippocrates”
Dates	June 1986 - June 1987
Occupation or position held	Special Nuclear Doctor in the Laboratory of Nuclear Medicine at the Medical Institute Theagenion
Occupation or position held	Biochemistry Lab Director AXEPA Hospital 2013-today
Main activities and responsibilities	
Name and address of employer	Department of Nuclear Medicine, Theagenion Medical Institute
Dates	May 1985 - January 1986
Occupation or position held	Trainee at the Department of Nuclear Medicine, AHEPA Hospital
Dates	August 1984 - April 1985
Occupation or position held	Doctor in the Department of Nuclear Medicine Nurses Foundation of Army Share Fund (Athens)
Dates	May 1981- October 1983:
Occupation or position held	Trainee at the Laboratory of Isotopes' Endocrinology of the University A' Pathology Clinic, AHEPA Hospital
Dates	March 1980 - March 1981:
Occupation or position held	trainee in Medicine Clinic Psychiatric Hospital of Thessaloniki
Dates	1979-1983, 1985-1987 and 1989-1991:
Occupation or position held	Surgeon assistant and night-duty service in the private clinic “Koliakos”.
Main activities and responsibilities	
Dates	1973-1979. 1979 Graduation of Aristotle Medical School

Occupation or position held	Medical School
Main activities and responsibilities	student
Teaching work	<ul style="list-style-type: none"> • As a member of the Teaching Researchers Staff, participation in teaching of Biochemistry, laboratory exercises and examinations of Medical Chemistry, Biochemistry I, Biochemistry II and Clinic Biochemistry (for students of Medical School, of Army Medical School and Dental School AUTH) • Participation (1989-90 and 1991-92) in teaching and examination of Biochemistry I and Biochemistry II for students of the Medical School, Democritus University of Thrace • Participation in shaping of the curriculum and in autonomously taughting of Medical Chemistry (1990-91 and 1991-92), Biochemistry I (1990-91 and 1991-92), and Biochemistry II (1991-92) for students of the Medical School, University of Thessaly • Participation in teaching in postgraduate seminars Demokritos I and II, Alexander I and II and I and Aristotle II, (1989-90 and 1991-92) • During Demokritos I and II seminars (1989-90 and 1991-92): participation also in taughting "Radio immunoassay tests - applications in research and diagnosis" • Participation in the Postgraduate Program in Medicine (PROMESI), Medical School AUTH, Medical Laboratory Biotechnology (1999-2003) "Basal Membrane Biochemistry" • Participation (from the academic year 2004-2005) in the New Postgraduate Program in Medical School, Aristotle University, in core courses: "Elements of Molecular Biology and Applications in Medicine" and "Molecular Technology" and elective courses: "Modern methods of imaging of the morphology and function of tissues and organs" and "Glaucoma-integrated approach" • In the same program, I am coordinator of the elective course "Special Topics in Molecular Pathology"
Dates Education and training	
Dates	May 2012-today
	Professor Medical School
	Aristotle University of Thessaloniki (Biochemistry)
Dates	May 2001
Title of qualification awarded	Associate Professor Medical School
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	Aristotle University of Thessaloniki (Biochemistry)
Level in national or international classification	
Dates	March 1994
Title of qualification awarded	Assistant Professor, Medical School (Biochemistry)
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	Aristotle University of Thessaloniki
Level in national or international classification	
Dates	February 1993
Title of qualification awarded	Visiting Research Professor, Medical School
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	Miami University, USA
Level in national or international classification	
Dates	June 1989

Title of qualification awarded	Lecturer, Medical School
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	Aristotle University of Thessaloniki (Biochemistry)
Level in national or international classification	
Dates	July 1987
Title of qualification awarded	Postdoctoral Associate, Medical School
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	Minnesota University, USA
Level in national or international classification	
Dates	July 1983
Title of qualification awarded	Doctor, Medical School,
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	Aristotle University of Thessaloniki
Level in national or international classification	
Dates	1973 - 1979
Title of qualification awarded	Graduate
Principal subjects/occupational skills covered	I work and participate in the research program of the Laboratory of Biological Chemistry, forests. During my studies I worked in and visited research laboratories abroad.
Name and type of organisation providing education and training	Aristotle University of Thessaloniki
Level in national or international classification	Doctorate - Medical Degree
Dates	1973
Title of qualification awarded	Graduate
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	German School of Thessaloniki
Level in national or international classification	

Personal skills and competences

Medical specialty	March 1986: after exams I took the title of specialist in Nuclear Medicine May 1981 - October 1983 and May 1985 - January 1986 in the Laboratory of Nuclear Medicine in AHEPA Hospital of Thessaloniki March 1980 – March 1981 in Internal Medicine Clinic of the Psychiatric Hospital of Thessaloniki
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Retraining February 1993 - July 1993: after Aristotle University Medical School's authorization, I worked as a visiting research professor in the Nuclear Medicine Department of the University of Miami USA
 March 1988 – July 1989 as post-doctoral researcher in Laboratory Medicine and Pathology, Medical School at the University of Minnesota of the United States of America
 July 1987 - March 1988 as post-doctoral researcher in Biochemistry at the University of Minnesota of the United States of America

Experience of participation in research projects

- Co investigator in "Collaboration" research program on "heart regeneration" in collaboration with Biomedical Research Foundation of Athens Academy. (scientific officer: Mrs Giasemi Kapetanaki)
- Co investigator in "Collaboration" research program on "nano-cartilage" in collaboration with Physics Department of Aristotle University of Thessaloniki. (scientific officer: Professor Stergios Logothetidis, Physics Department, AUTH)
- Co investigator in the research protocol funded by the Greek Society of Hypertension entitled "Study of the effect of angiotensin II on NHE-1, free radicals' production, intracellular pH and angiotensin signal transduction pathways in monocytes" (scientific officer: Associate Professor, Medical School, AUTH, Mr. Konstantinos Paletas)
- Co investigator in the Research Support Program PENED 2003 on "Atherosclerosis and diabetes. Interaction of PPAR, the Na-H and free radicals (ROS)" (scientific responsible: Professor of Biology Department, Mrs Martha Kaloyianni)
- Co investigator in the program Pythagoras II (scientific officer: associate professor of ophthalmology, Mr. Anastasios Konstas) on the study of the effects of oxidative stress in aqueous humor protein in exfoliation syndrome
- Scientific Officer in the program DO (ΠΡΑΞΕ Α) on Creating a spin-off company in order to develop innovative diagnostic and therapeutic products
- Scientific Officer in the project: Study of the suitability of the YIGSR peptide to be used as a radiopharmaceutical and a vaccine. The project was funded by the company Biomedica Life Sciences
- Scientific officer in the program Pythagoras I on the effect of glucose and insulin in the activity of sodium hydrogen antiporter in monocytes
- Co investigator in the Research Support Program PENED 2002 (scientific responsible: associate professor of ophthalmology, Mr. Anastasios Konstas) on the study of the effect of latanoprost in the aqueous humor metalloproteases in exfoliation syndrome
- Co investigator at the ENTER 2001 program (coordinator: associate professor of ophthalmology, Mr. Anastasios Konstas and recipient: medical department of the University of Thessaly, Mr. Panagiotis Liakos) on the study of metalloproteases of aqueous humor in exfoliation syndrome
- Co investigator in the program Research Support Program 2000 (responsible scientific: director of the Institute of Biological Research, NCSR Demokritos, Ms. F. Tsilibari) on the study of monocytes' interaction with the extracellular matrix in diabetes mellitus
- Co investigator in the "Biochemical analysis and study of the metabolism of exfoliative material proteins", funded by the Secretariat of the Central Council of Health (1997)
- Main researcher in the programme "Study of the suitability of the synthetic peptide YIGSR as radiopharmaceutical" funded by the Secretariat of the Central Council of Health 1992
- Participation as co investigator in an international research program for the study of exfoliative glaucoma funded by the European Union in the framework of the "Science" programme (Sci * CT91-0636)

Research work

May 2001 - today: As an Associate Professor in the Laboratory of Biological Chemistry I direct an independent research group, which now includes a postdoctoral researcher, two doctoral students and one undergraduate student.

My main research interest is the interaction of cells-extracellular matrix and cell differentiation, focusing on the relationship of these phenomena with chronic diseases such as atherosclerosis, ageing and cancer. According to the Senate, I was one of the members of the faculty that in 2004 brought the most important research funds at the university.

October 2001 – 2005: Collaboration with the research group of Prof. Dimitrios Panidis and Assistant Prof. G. Krassas in clinical and laboratory studies, mainly relating to obesity and polycystic ovary syndrome. The results of this cooperation have been published in international and Greek journals and announced in Greek and international scientific conferences

October 1998 until today: I work with Professor Martha Kaloyianni in the Department of Biology in the study of the sodium hydrogen antiporter function in relation to the intracellular signal transduction. Within the framework of this cooperation pregraduate students from the Biology Department were training under the supervision of Mrs M. Kaloyianni. The results of this cooperation which was funded by the program Pythagoras and Empeirikeion institution are published in international and Greek journals and announced in Greek and international scientific conferences.

March 1994 - May 2001: as Assistant Professor in Biological Chemistry Laboratory, I worked under the supervision of the former Laboratory director, Mrs A. Dimitriadou, and the former associate professors A. Triantos and Mr E. Kavoukopoulos. The research results of this collaboration were published in Greek and international journals and presented at many conferences both in Greece and abroad. The studies involved the characterization of a placental growth factor as well as clinical and laboratory studies of leptin, prostatic antigen and microalbuminuria in diabetes.

At the same time I was principal supervisor of the doctoral dissertation by Barbara Trahana on the phosphorylation of laminin, which ended successfully in 2002.

October 1991 - October 1993. In a research project funded by the Secretariat of the Central Council of Health I studied the binding of the synthetic peptide YIGSR of laminin to metastatic cells. The research was funded by the private sector and the results have been published in international and Greek journals and presented at international and national conferences, and rewarded with the praise "Sotiris Papastamatis" and "Dodona" prize.

September 1991 - today. I work with the assistant professor of ophthalmology, Mr. A. Konstas, in the study of the pathophysiology of exfoliative syndrome and exfoliative glaucoma. The results of these investigations have been published in international and Greek scientific journals and has presented at many International and National conferences.

January 1991 - 2005. I worked with Emeritus Professor P. Grammatikos and Assistant Professor A. Dumas in clinical and laboratory studies concerning Nuclear Medicine. These studies have been published in international and Greek magazines and has been presented in many Greek conferences.

July 1989 – March 1994: As Lecturer in Biological Chemistry Laboratory, I worked as a team member of the director of the Laboratory, Mrs. A. Demetriades. Research results concerning the study of serine hydroxymethyltransferase and the incidence of haemoglobinopathy of Pomaks in Greek Thrace were published.

March 1988 - June 1989: Postdoctoral researcher in Laboratory Medicine and Pathology School of Medicine at the University of Minnesota USA. The results concerning the discovery of biologically active peptides in laminin and collagen type IV are presented in 6 publications in international journals and presented at international and greek conferences.

July 1987 - March 1988: Postdoctoral researcher in Biochemistry of the Medical Faculty of the University of Minnesota USA. The research results related to the sterol carrier protein, presented at the 61st Scientific Conference of the American Heart Association, the Joint Meeting of the American Society for Cell Biology and the American Society for Biochemistry and Molecular Biology and the fifth North Greek Medical Congress.

April 1985 - June 1987: Participation in the research program (Laboratory of Biological Chemistry, Medical School, Aristotle University of Thessaloniki) on the study of protein kinases in membranes of endoplasmic reticulum. At the same time I worked with the laboratory of nuclear medicine in AHEPA hospital and the laboratory of animal physiology and human genetics of the Department of Biology, AUTH. The results were published in 5 papers in international journals.

September 1979 - July 1983: Doctorate in Biological Chemistry Laboratory, Medical School, Aristotle University of Thessaloniki entitled "Influence of glucose and insulin on protein phosphorylation-dephosphorylation in rat hepatocyte endoplasmic reticulum.

Chapters in textbooks

Koliakos G. and Grammatikos Ph. 1996.

Diagnostic significance of cancer markers

Ph. Grammatikos, Nuclear Medicine. 4th edition. Ziti Publishes, Thessaloniki 1996. pages 215 to 219

Koliakos G. 1996

Elements of Cancer Biochemistry

Dimitriadou. Notes of Clinical Biochemistry course distributed to students of Medical School.

Grammatikos Ph., Apostolidis P., Karakatsanis K., Gerasimou G. Panoutsopoulos G., Hatzioannou K., Hatziyannaki A., Koliakos G. (1999)

Questions of Nuclear Medicine, Multiple Choice Questions and Answers.

Greek Society of Nuclear Medicine

Postgraduate courses

1. Postgraduate Courses of the Greek Society of Nuclear Medicine 1995
Update to newer diagnostic and therapeutic applications.
The bones scan in the diagnosis of lesions and inflammation of the frame. Postgraduate courses.
Infection and inflammation imaging by nuclear medicine methods.
2. Postgraduate Conference of the Greek Society of Nuclear Medicine.
Diagnosis and differential diagnosis of brain diseases with nuclear medicine techniques 1996
3. Graduate courses of the Greek Society of Nuclear Medicine 1998
Radioimmunoassays

Chapters in Greek books	<p>G. Koliakos Biomedical experimentation, social benefits and ethics <i>Law and Bioethics, Meeting February 9, 2007, Auditorium of National Research Foundation, Association of Greek magistrates for Democracy and Freedom, Institute for Biological Research of the National Research Foundation, the National Bioethics Committee</i></p>
Chapters in non Greek books	<p>Koliakos GG, Konstas AGP, Hollo G. (2008) Biochemistry and genetics of exfoliation syndrome. <i>In "From exfoliation syndrome to exfoliative glaucoma" EGS book. Edited by Hollo G & Konstas AGP. Dogma, Italy</i></p>
Research group I belong	Moltamed (Thematic Network of Molecular Targeting, AUTH)
[Publications (number)	169 (h index: 19)
Citations (number)	1.253
National and International Awards (conferences, member of organizations, awards etc.)	<ol style="list-style-type: none"> 1. In charge for the Thessaloniki Annex of the Hellenic Biochemical Biophysics Society (1990-1991) 2. Member of the Board of Directors of the Society of Nuclear Medicine of Northern Greece. (1989-1991) 3. Treasurer of the Hellenic Society of Nuclear Medicine (1996 - 1998) Vice President of the company from 1998 to 2000 and from 2002 to 2004 4. Member of the Board of the Hellenic Society for the Study of Growth Hormone (1996 - 1998) 5. Member of the Steering Committee of the investigation team of the connective tissue of the Greek Society of Biochemistry and Biophysics (1999 - present) 6. Coordinator of the laboratories of molecular targeting network (moltamed) of the Research Committee of Aristotle (2003 - present) 7. January 1991 until today: deputy director of the Hippocrates Nuclear Medicine Center and scientific director of the radioimmunoassays laboratory at the same center 8. March 2000 until 2006: responsible for quality assurance and internal auditor for quality management system ISO-2001 of the Centre for Nuclear Medicine Hippocrates

AWARDS

- “The radiolabeled peptide YIGSR identify rich in laminin receptor metastatic cell populations”. Koliakos G. Kouzi-Koliakou K., Trontzos X., Grammatikos Ph., 1995
Archives of Hellenic Medicine 12(6); 471-477
Received praise “Sotiris Papastamatis”
- “The use of peptide YIGSR in locating and assessing metastasis of experimental malignant tumors”. Koliakou K., Koliakos G. Trontzos X., Grammatikos Ph., M. Kanellaki 1995.
5th Panhellenic Congress of Pathology-Anatomy (Ioannina 1995). Prize “Dodona”
- “The insulin-like growth factor in the differential diagnosis between cancer and prostatic hyperplasia”. Koliakos G. Xatzivasileiou D., Dimopoulos T., Trachana B., Triantos A. 1998
2nd Panhellenic Conference on Cancer Markers (Athens 1998). Discrimination for poster presentation
- “Bone mineral density and sex steroids in healthy Greek males”. F. Papadopoulou, K. Kalothetou, G. Koliakos, T. Konstantinidis, E. Nikopoulou, D. Doukidis, G. Krassas. 2000, 8th National Conference of Greek Society for the Study of Bone Metabolism. Prize “Alexander Kalos”
- “Effect of growth hormone axis (GH)-insulin-like growth factor-I (IGF-I) and binding globulin-3 of the insulin factor-I (IGFBP-3) on bone mass of healthy men”. Papadopoulou F., Koliakos G., Konstantinidis T., Kalothetou K., Krassas G. 2002, 10th Panhellenic Conference of Greek Society for the Study of Bone Metabolism. Prize “Alexander Kalos”
- Liponectin levels during the tolerance oral glucose test in women with polycystic ovary syndrome. D. Panidis, D. Farmakiotis, D. Roussos, A. Kourtis, G. Koliakos E. Memi, T. Kaltsas, G. Krassas 2004, 31st National Congress of Endocrinology and Metabolism.
Prize “John Giannatos”
- Inhibition by siRNA of the receptor of advanced glycation end products (RAGE) in diabetic mononuclear reveals a positive relationship with the CD36 receptor and the production of oxidative stress. A. Xanthis, A. Hatzitolios, S. Fidani, C. Befani G. Koliakos, December 2008
3rd National Conference of the Greek Atherosclerosis Society. A praise was received
- Stem cells transplantation combined with long term mechanical corculatory support enhances myocardial viability in en-stage ischemic cardiomyopathy. Award in 8th Panhellenic congress of Cardiovascular Surgery, 2010.
- The effect of bevacizumab on colon anastomotic healing in rats. Pavlidis ET, Ballas KD, Symeonidis NG, Psarras K, Koliakos G, Kouzi-Koliakos K, Topouridou K, Rafailidis SF, Pavlidis TE, Marakis GN, Sakantamis AK, 16-18 September 2011.2nd Panhellenic Congress of Surgery of Clinical Oncology and Cancer Prevention in Macedonia with International Participation. An award for best paper presentation for young surgeons was received.
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Participation in committees

11/12/2010 to 08/31/2012: Member of the Transparency and Consultation Committee of the Aristotle University of Thessaloniki

Supervision of dissertations

As the primary supervisor:

- Barbara Traxana: Study of the biological role of laminin phosphorylation. (Completed)
- Tersis I.: The role of matrix metalloproteinases in the development of exfoliative glaucoma. Effect of latanoprost
Funded by Research Support Program PENED. (Completed)
- Oikonomopoulou M.: Biochemical investigation of the pathology of exfoliation syndrome
Funded by Research Support Program PENED. (Completed)
- Alamdari D.: Correlation of oxidative stress biochemical parameters and cardiovascular risk factors in obese patients with type 2 diabetes
State Scholarship Foundation's Scholarship. (Completed)
- Topouridou Constantina: The role of the sodium / hydrogen antiporter NHE-1 in monocytes' differentiation

As a member of three-member committee:

- Kalfa T.: Study of polymerization of the basement membrane components and changes occurring in chronic diabetes. (Completed)
- C. Trontzos: Study of the suitability of the laminin peptide YIGSR as a radiopharmaceutical in the diagnosis of melanoma and Lewis Lung carcinoma in mice. (Completed)
- F. Papadopoulou: Study of Endocrinology of the placenta in normal pregnancies and in pregnancies with diabetes mellitus. (Completed)
- Bougoulia M.: Study of metabolic and endocrine function of adipose tissue of obese. (Completed)
- Matzoros I.: The effect of IGF-I on healing of colonic anastomoses in rats by cortisone. (Completed)
- Grigoriou M.: Peripheral markers of intestinal ischemia severity. Experimental study on rabbits. (Completed)
- Zacharakis E.: The effect of IGF-I on healing of colonic anastomoses in rats under chemotherapy with 5-Fluorouracil (5-FU). (Completed)
- I Lambrou: The effect of growth hormone in healing of colonic anastomosis in rats receiving chemotherapy with 5-fluorouracil (-FU, bleomykini and cisplatin). (Completed)
- T. Tsahalis: Antithrombin III in the prevention of renal injury after intestinal ischemia and reperfusion syndrome (experimental study in rats). (Completed)
- I. Parastatidis: Extracellular post-translational modifications of proteins in experimental models of atherosclerosis. (Completed)
- Konstantinidis D. (Department of Biology): Study of the effects of obesity-correlated factors and NHE-1 in signal transduction and atherogenic properties of monocytes. (Completed)
- Zolota Z. (Biology Department): Effect of insulin and glucose on intracellular signal transduction mechanisms and atherogenic properties of monocytes. Role of proliferation peroxisome receptor (PPAR). (Completed)
- Kostidou E. (Department of Biology): The role of oxidative stress in the initiation of atherosclerosis. Interactions between monocytes and endothelial cells with extracellular matrix. (Completed)
- Poikilidou M.: Effects of calcium administration on blood pressure, insulin resistance and intracellular ions in patients with hypertension and metabolic syndrome. (Completed)
- Sarigianni M.: Study of the activity of NHE-1 and atherogenic properties of monocytes in patients with insulin resistance. (Completed)
- Xanthis A.: Investigation of gene therapy targets in diabetic makrovasculopathy. The system of AGEs-RAGE and PPAR in monocytes. (Completed)
- Tsagias N.: Separation and identification of pluripotent cell lines from umbilical-placental unit
- T. Dimitroulas: Echocardiography and biochemical markers in patients with scleroderma and pulmonary hypertension. (Completed)
- Karlafti E.: The effect of moxonidine on neuropeptide Y levels in hypertensive patients with or without obesity
- P. Lambrou (Chemistry Department): Studies of antigen of Helicobacter pylori IRNAR-protein and suppression of human neutrophils' activation
- Tsakmakas D.: Investigation of correlation of oxidative stress and thyroid gland diseases
- Zakalka M.: The effect of administration of anti-TNF biological agents in arterial stiffness and in ultrasound markers of cardiac function in patients with rheumatoid arthritis
- Seretis K.: Exploring the impact of dermolipectomy hormonal production of adipose tissue and inflammatory markers in overweight and obese people. indices of cardiac function in patients with rheumatoid arthritis
- N. Efstathiou: Change of peripheral blood pluripotent stem cells and biomarkers of newborns with perinatal asphyxia in relation to neurodevelopmental outcome
- Karagergou E.: The application of adipose tissue-derived stem cells in healing of diabetic ulcers. Experimental study in rats
- Karathanasis V.: Influence of stem cells from adipose tissue in the viability of skin flaps random vasculature
- Bouloukas E.: Correlation of smoking with non-alcoholic fatty liver disease

Publications

1. Charonis A.S., Skubitz, A.P.N., Koliakos G.G., Reger, R.A., Dege J., Vogel, A., Wolhueter, R., Furcht, L.T. (1988)
A novel synthetic peptide of the B1 Chain of Laminin with Heparin Binding and Cell Adhesion-promoting Activities
Journal of Cell Biology 107, 1253-60
2. Tsilibary E.C., Koliakos, G.G., Charonis, A.S., Vogel, A.M., Reger, L.A., Furcht, L.T. (1988)
Heparin-Type IV Collagen Interactions: Equilibrium Binding and Inhibition of type IV Collagen Self Assembly
Journal of Biological Chemistry 263, 19112-19118
3. Kouvatsi A., Koliakos G., Triantaphylides K, Zacharaki R. (1988)
C3 Complement Types in Northern Greece
Gene Geography 2, 33-35
4. Koliakos G.G., Kouzi-Koliakos K., Furcht L.T., Reger L.A., Tsilibary E.C. (1989)
The Binding of Heparin to type IV Collagen: Domain Specificity with identification of peptide sequences from the $\alpha 1$ (IV) and $\alpha 2$ (IV) which preferentially bind Heparin
Journal of Biological Chemistry 264, 2313-2323
5. Kalomenopoulou M. and Koliakos G (1989)
Total Body Haematocrit, Iron Kinetics and Erythrocyte Life Span in Pigeons (*Columba Livia*)
Comparative Biochemistry and Physiology 92A, 215-218
6. Koliakos G., Kalomenopoulou M., Grammatikos Ph., Dimitriadou-Vaphiadou A., Kouzi-Koliakos K., Zacharaki R., Skaragas G., Kokka A., and Trakatellis A., (1989)
A New Glucose-6-Phosphate Dehydrogenase Variant (G6PD Thessaloniki) in a Patient with Idiopathic Myelofibrosis
Human Heredity 39, 141-149
7. Kouzi-Koliakos K., Koliakos G.G., Tsilibary E.C., Furcht L.T., Charonis A.S. (1989)
Mapping of three major heparin binding sites on laminin and identification of a novel heparin binding site on the B1 chain
Journal of Biological Chemistry 264, 17971-17978
8. Tsilibary E.C., Reger L.A., Vogel A.M., Koliakos G.G., Anderson S.S., Charonis A.S., Alegre J.N., Furcht L.T. (1990)
Identification of a multifunctional cell binding peptide sequence from the $\alpha 1$ (NC1) of type IV collagen
Journal of Cell Biology 111. 1583-1591
9. G.G. Koliakos, A. Dimitriadou-Vaphiadou, J. Christakis and A. Trakatellis. (1991)
 $\beta 0$ and $\beta +$ Thalassemia genes in Northern Greece
Gene Geography 5,55-60
10. G.G. Koliakos, E.C. Tsilibary, A.S. Charonis. (1991)
A Melanoma Cell Surface Laminin Binding Protein with Apparent Mr 90000.
Connective Tissue Research 26, 167-180
11. Trakatellis, A.Dimitriadou, M.Exidari, J.Scourtzou, Koliakos G, D.Christodoulou, N.Malissiovas, A.Antoniadis and Th.Polizoni. (1992)
Effect of pyridoxine deficiency on immunological phenomena
Postgraduate Medical Journal. 68 (Suppl I) S70-S77
12. Kosmpopoulou I., Koliakos G., Haitoglou C., Christodoulou D., Dimitriadou A., and Trakatellis A. (1994)
Rat Liver Endoplasmic Reticulum Protein Kinases
International Journal of Biochemistry 26, 403-414
13. Charonis A., Koliakos N., Koliakos G., Fields G., Reger L., Lynch C., Speeman M., Hunter A., and Higson H. (1994)
A Novel Laminin domain involved in adhesion of endothelial cells. In Maragoudakis M.E. et al :
Angiogenesis: Molecular Biology, Clinical Aspects. Plenum Press New York
14. Papadopoulos C.L., Doumas A.S., Koliakos G., Gitsios C., Sakadamis G. (1995)
Increased Lung Uptake During Myocardial Scintigraphy Improves the Detection and Localization of Coronary Artery Disease.
Angiology: 46,1015-1020
15. Triantos A., Koliakos G., Kavoukopoulos E., Dimitriadou A., and Trakatellis A. (1995)
Detection of a High Molecular Weight Heparin Binding Acidic Growth Factor in Human Placenta.
Biochemistry and Molecular Biology International. 37, 737-745
16. Koliakos G.G., Konstas A.G.P., Dimitrakulias N., Triantos A., Kardasopoulos A., Dimitriadou A., and Trakatellis A.C. (1996)
Possible role of Transferrin in Exfoliation Syndrome.
Acta Ophthalmologica . : 74,154-159
17. Skaragas G., Koliakos G., Repanta E., Zaphiriou K., Chatziachmet A., Dimitriadou A., Papazoglou N., and Trakatellis A. (1996).
Hemoglobin O Arab in the Pomacs Population of Thrace.
Gene Geography 10: 123-133

18. Koliakos G.G., Trontzos Ch., Koliakou K., Papageorgiou A., Triantos A., Iliadis S., Grammatikos Ph. and Dimitriadou A. (1997)
In vivo Binding of the Radioiodinated Peptide YIGSR on B16 Melanoma Cells.
Invasion and Metastasis. 16:322-329
19. Koliakos G., Trontzos C., Koliakos K., Kanellaki M., Grammaticos Ph. (1997)
Lung Carcinoma Imaging using a Synthetic Laminin Derivative Radioiodinated Peptide YIGSR.
The Journal of Nuclear Medicine. 38(12):1940-1944
20. Koliakos G., Gaitatzi M., Grammaticos Ph
Stability of the serum TSH concentration after non refrigerated storage
Panminerva Medica . vol.41-No. 2- pp. 99-101(1999)
21. M. Bougoulia, T. Tzotzas, H. Efthymiou, G. Koliakos, Th. Konstantinidis, A. Triantos and G.E. Krassas
Leptin concentrations during oral glucose tolerance test (OGTT) in obese and normal weight women
International journal of obesity. 23: 625-628 (1999)
22. T. Tzotzas, M. Bougoulia, H. Efthymiou, G. Koliakos, Th. Konstantinidis, A. Triantos and G.E. Krassas. (1999)
Leptin levels after a fat load in obese and normal weight women.
Endocrinologia. IV:30-34
23. F.G. Papadopoulou, A.M. Mamopoulos, A. Triantos, T.C. Constantinidis, J. Papadimas, E.A. Assimakopoulos, G. Koliakos, and M. Mamopoulos. (2000).
Leptin levels in maternal and cord serum: Relationship with fetal development and placental weight
The Journal of Maternal-Fetal Medicine. 9:298-302
24. Koliakos G., Konstas A., Triantos A., and Ritch R
Increased Growth Factor activity in the aqueous humor of patients with exfoliation syndrome.
Clinical experimental ophthalmology. 238:491-495 (2000)
25. G.E. Krassas, M. Bougoulia and G. Koliakos. (2000)
Serum Interleukin-8 levels in thyroid diseases. Letter to the Editor.
Thyroid.10:445-446
26. G. Koliakos, K. Kouzi-Koliakos, A. Triantos, V. Trachana, E. Kavoukopoulos, M. Gaitatzi and A. Dimitriadou
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d. G.Koliakos, K. Kouzi-Koliakou, K. Topouridou, M. Christoforidou, A. Papageorgiou
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f. G. Koliakos, A.Tsapas, K.Paletas, Z. Zolota, M. Kaloyianni
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61. **7th Annual Meeting of the Hellenic Research Club for the Connective Tissue and Matrix Biology, Patras 8-9 April 2005**
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Monocyte attachment to laminin in Diabetes Mellitus
65. **52nd Annual Meeting Scientific Abstracts of the Society of Nuclear Medicine, Toronto 18-22 June 2005**
G. Koliakos, M. Christophoridou, K. Topouridou, E. Chrysogelou, A. Papageorgiou
Detection of spontaneous pancreatic carcinoma metastasis by the ^{99m}Tc labelled laminin derived nonapeptide CDPGYIGSR
66. **International Conference of Endothelin, Utah September 2005**
Koliakos G., Befani C., Paletas K., Kaloyianni M
Effects of endothelin (ET) on Na/H exchanger (NHE) activity of human monocytes and atherosclerosis-related functions
67. **Cell Signaling World 2006, Signal Transduction Pathways as therapeutic targets, Luxembourg 25-28 January 2006**
Koliakos G., Befani C., Paletas K., Kaloyianni M
Effects of endothelin on Sodium/Hydrogen exchanger (NHE) activity of human monocytes and atherosclerosis-related functions

68. **8th Annual Meeting of the Hellenic Research Club for the Connective Tissue and Matrix Biology, Heraklion 14-15 April 2006**
 a. D. Konstantinidis, C. Befani, X. Sailer, M. Kaloyianni, G. Koliakos
 Effects of leptin, endothelin and angiotensin on monocyte laminin adhesion and migration
 b. E. Kostidou, M. Kaloyianni, G. Koliakos
 Monocyte laminin oxidation in the presence of glucose and insulin
69. **Official Journal of European Atherosclerosis Society affiliated with the International Atherosclerosis Society and the Society of Atherosclerosis Imaging and Prevention, Rome 18-22 June 2006**
 D. Hamidi Alamdari, K. Paletas, T.H. Pegiou, M. Sarigianni
 Decreased serum antioxidant capacity in patients with diabetes and atherosclerosis can be ameliorated after vitamin C and E administration
70. **Annual European Congress of Rheumatology, EULAR 2006, Amsterdam, 21-24 June 2006**
 a. T. Dimitroulas, T. Sfetsios, C. Pliakos, G. Giannakoulas, G. Koliakos, H. Dimitroula, L. Settas
 Neurohormonal activation in patients with systemic sclerosis-related pulmonary arterial hypertension
 b. G. Giannakoulas, H. Karvounis, G. Koliakos, T. Damvopoulou, C. Papadopoulos, T. Karamirtos, G. Parcharidids, G. Louridas
 Prathyroid hormone-related protein is reduced in severe chronic heart failure
71. **58th Meeting of Hellenic Society of Biochemistry and Molecular Biology, Patra 2006**
 a. D. Konstantinidis, G. Koliakos, M. Kaloyianni
 Effect of leptin on the atheromatic properties of human monocytes
 b. E. Kostidou, G. Koliakos, M. Kaloyianni
 Hydrogen peroxide production by monocytes in the presence of glucose and insulin with the involvement of the Na⁺/H⁺ exchanger (NHE)
 c. M. Sarigianni, D. Hamidi Alamdari, K. Paletas, A. Tsapas, G. Koliakos
 Obesity and oxidative stress, is there a reversible relationship between them?
 d. Z. Zolota, K. Paletas, G. Koliakos, M. Kaloyianni
 The role of PPAR γ activators and NHE 1 inhibitors in monocyte CD36 expression and monocyte adhesion and migration through collagen type IV and endothelial cell substrates
 e. C. Befani, K. Paletas, G. Koliakos, M. Kaloyianni
 ET-1 induces a signalling pathway with the involvement of PKC, MAPK, PI3K, NADPH oxidase where NHE 1 plays a key role
72. **15th European Congress on Obesity (ECO), Budapest 22-25 April 2007**
 Paletas K., Hamidi Alamdari D., Sarigianni M., Tsapas A., Befani C., Koliakos G.
 Prooxidant antioxidant balance in obese diabetic 2 patients
73. **9th Annual Meeting of the Hellenic Research Club for Connective Tissue and Matrix Biology, Athens 10-12 May 2007**
 a. E. Kostidou, M. Kaloyianni, G. Koliakos
 Monocyte collagen IV carbonylation and ROS production in the presence of glucose and insulin
 b. Z. Zolota, D. Konstantinidis, M. Kaloyianni, G. Koliakos
 Monocyte adhesion on and migration through components of the extracellular matrix is increased by high glucose concentrations, rosiglitazone and the hormones insulin and leptin. Potential for an atherosclerotic direction
74. **22nd Annual Scientific Meeting and Exposition of the American Society of Hypertension, Chicago 19-22 May 2007**
 M. Pikilidou, P. Sarafidis, C. Befani, G. Koliakos, I. Tziolas, K. Kazakos, J. Yovos, A. Lazaridis
 Sodium-Hydrogen antiport activity does not correlate with insulin sensitivity in patients with type 2 diabetes
75. **FEBS Advanced Lecture Course, Matrix Pathobiology, Signaling and Molecular Targets, Patras 21-26 May 2007**
 a. G. Koliakos, C. Befani, M. Kaloyianni
 NHE1: A molecular target for signalling and cell-matrix interactions
 b. D. Konstantinidis, G. Koliakos, M. Kaloyianni
 Leptin exasperates atherosclerosis-related properties of human monocytes
 c. E. Kostidou, G. Koliakos, M. Kaloyianni
 Increased monocyte attachment to oxidized and native laminin in Diabetes mellitus. The role of the alpha2 integrin subunit
76. **European Group for the Study of Insulin Resistance (EGIR) "Courage and Wisdom: Predicting and modifying insulin sensitivity for therapeutic benefit", Lyon 30 May-1 June 2007**
 a. M. Pikilidou, P. Sarafidis, A. Lazaridis, C. Befani, G. Koliakos, I. Tziolas, K. Kazakos, G. Yovos, P. Nilsson
 Oral calcium supplementation reduces intraplatelet calcium and improves insulin sensitivity in patients with hypertension and type 2 diabetes

- b. M. Pikilidou, P. Sarafidis, A. Lazaridis, C. Befani, G. Koliakos, I. Tziolas, K. Kazakos, G. Yovos, P. Nilsson
Changes in intraplatelet magnesium levels after calcium supplementation and relation to differences in insulin sensitivity in patients with hypertension and type 2 diabetes
77. **Official Journal of European Atherosclerosis Society affiliated with the International Atherosclerosis Society and the Society of Atherosclerosis Imaging and Prevention, Helsinki 10-13 June 2007**
E. Kostidou, G. Koliakos, K. Paletas, A. Tsapas, M. Sarigianni, M. Kaloyianni
Monocyte laminin carbonylation in the presence of glucose and insulin
78. **Annual European Congress of Rheumatology, EULAR 2007, Barcelona, 13-16 June 2007**
T. Dimitroulas, T. Sfetsios, G. Giannakoulas, H. Dimitroula, H. Karvounis, G. Koliakos, E. Dalamanga, D. Zisopoulos, L. Settas
N-terminal probrain natriuretic peptide as biochemical marker in the evaluation of bosentan treatment in systemic sclerosis-related pulmonary arterial hypertension
79. **17th European Meeting of Hypertension, Milan 15-19 June 2007**
M. Pikilidou, P. Sarafidis, C. Befani, G. Koliakos, I. Tziolas, K. Kazakos, G. Yovos, A. Lazaridis
Interrelationship of intracellular calcium and Sodium-Hydrogen exchanger activity on blood pressure in patients with hypertension and type 2 diabetes
80. **10th International Congress on Amino Acids and Proteins (ICAAP), Kalithea August 20-25 2007**
a. E. Kostidou, G. Koliakos, M. Kaloyianni
Monocyte-induced carbonylation of laminin-1 and collagen IV in the presence of glucose and insulin
b. Z. Zolota, M. Kaloyianni, G. Koliakos
Effect of glucose on atherosclerosis-related functions of human monocytes
81. **59th Meeting of Hellenic Society of Biochemistry and Molecular Biology, Athens 2007**
a. C. Befani, A. Konstas, G. Koliakos
Evaluation of catalase activity, peroxides and oxidants-prooxidants balance in aqueous humor and serum from patients with exfoliation syndrome and exfoliative glaucoma
b. E. Kostidou, G. Koliakos, M. Kaloyianni
Increased monocyte attachment to laminin-1 in Diabetes mellitus. The role of alpha2, alphaL and beta2 integrin subunits
c. D. Konstantinidis, G. Koliakos, M. Kaloyianni
Effects of leptin, isoprostane and rosiglitazone on pro-atherosclerotic properties of human monocytes
82. **7th International Congress on Coronary Artery Disease, Venice October 7-10 2007**
A. Xanthis, A. Hatzitolios, S. Hadjimiltiades, G. Koliakos, G. Giannakoulas, G. Parharidis, D. Agapakis
Soluble receptor of advanced glycation end products is inversely related to coronary atheromatosis in diabetics. A qca study
83. **Journal of the American Society of Nephrology, San Francisco October 31-November 5 2007**
M. Stangou, S. Alexopoulos, G. Koliakos, C. Bantis, A. Papagianni, C. Hatzikirkou, A. Pantzaki, Z. Athanasiadou, D. Memmos
Urine protein subtypes is a sensitive marker for the disease progression in IgA nephropathy
84. **Biochemical Society Annual Symposium, Manchester 3-5 December 2007**
a. Sarigianni M., Paletas K., Kaloyianni M., Kostidou E., Tsapas A., Koliakos G.
The effect of adrenaline on monocyte adhesion in obesity and insulin resistance
b. Kostidou E., G. Koliakos, M. Kaloyianni
Increased monocyte attachment to laminin in diabetes mellitus. The role of the alpha2 and alphaL integrin subunits
85. **Apoptosis World 2008, From mechanisms to applications, Luxembourg January 23-26 2008**
E. Kostidou, G. Koliakos, K. Topouridou, M. Kaloyianni
Increased monocyte and endothelial cell attachment to oxidised laminin. The role of the alpha2, alphaL and beta2 integrin subunits
86. **77th Congress of the European Atherosclerosis Society, Istanbul April 26-29 2008**
a. A. Xanthis, A. Hatzitolios, C. Befani, G. Koliakos
Soluble receptor of advanced glycation end products is inversely related to coronary atheromatosis in diabetes
b. K. Paletas, M. Sarigianni, M. Kaloyianni, A. Tsapas, G. Koliakos
Leptin promotes the atherosclerogenic properties of monocytes in obese and insulin resistant patients
87. **16th European Congress on Obesity, Geneva May 14-17 2008**
M. Baltatzi, A. Hatzitolios, C. Befani, C. Savopoulos, M. Alevizos, C. Stamboulis
Role of neuropeptide Y (NPY) and alpha-melanocyte stimulating hormone (alpha-MSH) in obesity induced hypertension (HPT)-Preliminary results
88. **23rd Annual Scientific Meeting and Exposition of the American Society of Hypertension, New Orleans, May 14-17 2008**
K. Paletas, L. Rizek, M. Sarigianni, M. Kaloyianni, G. Koliakos
The effect of angiotensin II on the atherogenous properties of monocytes from hypertensive patients

89. **Annual European Congress of Rheumatology, Paris 11-14 June 2008**
T. Dimitroulas, T. Sfetsios, G. Giannakoulas, H. Dimitroula, H. Karvounis, G. Koliakos, E. Dalamanga, L. Settas
Asymmetrical dimethylarginine in systemic sclerosis-related pulmonary arterial hypertension
90. **33rd FEBS Congress and 11th IUBMB Conference, Athens 28 June-3 July 2008**
- a. C. Befani, G. Koliakos, A. Konstas
Aqueous humor and serum altered oxidant-antioxidant balance in exfoliation syndrome and exfoliation glaucoma
 - b. D. Hamidi Alamdari, M. Honarmand, A. Sarrafnejad, A. Varasteh, M. Reza Parizadeh, M. Ghayour-Mobarhan, D. Fahimi, T. Pegiou, G. Koliakos, K. Paletas
Prooxidant-antioxidant balance before and after dialysis in hemodialysis patients
 - c. D. Hamidi Alamdari, A. Varasteh, M. Reza Parizadeh, S. Bonakdaran, K. Paletas, T. Pegiou, G. Koliakos
Correlation of prooxidant-antioxidant balance with platelet parameters in patients with diabetes type 2
 - d. D. Hamidi Alamdari, M. Reza Parizadeh, A. Varasteh, S. Bonakdaran, M. Honarmand, A. Sarrafnejad, K. Paletas, T. Pegiou, G. Koliakos
Oxidative stress is significantly correlated to minor changes in haemoglobin concentration
 - e. E. Kostidou, K. Topouridou, G. Koliakos, M. Kaloyianni
Oxidised laminin induces human umbilical cord endothelial cell ICAM-1 expression and monocyte attachment. The role of the alphaM and beta2 integrin subunits
 - f. Z. Zolota, M. Kaloyianni, G. Koliakos
Signal transduction of glucose in atherosclerosis-related functions of monocytes
 - g. A. Xanthis, A. Hatzitolios, S. Fidani, C. Befani, G. Koliakos
Receptor for advanced glycation end products (RAGE) positively regulates CD36 expression and ROS production in human monocytes in diabetes
 - h. D. Konstantinidis, K. Paletas, G. Koliakos, M. Kaloyianni
Signaling proteins involved in leptin-induced amplification of human monocyte atherosclerosis-related properties
 - i. M. Sarigianni, K. Paletas, E. Kostidou, A. Tsapas, M. Kaloyianni, G. Koliakos
Na⁺/H⁺-exchanger-1 is activated by obesity related hormones in obese patient monocytes
91. **17th Meeting of Methods in Protein Structure Analysis, Sapporo Aug26-29 2008**
F. Kottakis, G. Papadopoulos, C. Befani, A. Asiminas, G. Koliakos, T. Choli-Papadopoulos
New approaches for the developing therapeutic drugs against neutrophil activation by HPNAP from *Helicobacter pylori*
92. **18th World Congress on Ultrasound in Obstetrics and Gynecology, Chicago, USA, 24-28 August 2008 32:398-466**
A. Daniilidis, M. Mavromichali, K. Kouzi, G. Koliakos, N. Tsagias, J. Tzafettas
Magnetic cell sorting and flow cytometry for the detection of fetal nucleated erythroblasts in maternal circulation during the first trimester of pregnancy
93. **2nd World Congress on Controversies to Consensus in Diabetes, Obesity and Hypertension (CODHy), October 30-November 2 2008, Barcelona, Spain**
M. Pikilidou, C. Befani, G. Koliakos, I. Tziolas, A. Hitoglou-Makedou, K. Kazakos, J. Yovos, A. Ptinopoulou, A. Lazaridis
Oral calcium supplementation improves lipid profile in subjects with type 2 diabetes and hypertension
94. **9th Symposium on Oceanography and Fisheries, May 12-16 2009, Patras**
Kaloyianni M., Dailianis S., Chrisikopoulou E., Zannou A., Koutsogiannaki S., H. Alamdari D., Koliakos G., Dimitriadis V.K.
Oxidative effects of inorganic and organic contaminants in haemolymph of mussels: utility of recently-developed methods for measuring total antioxidant capacity and protein carbonylation
95. **EULAR 2009, 10-13 June 2009, Copenhagen**
T. Dimitroulas, G. Giannakoulas, K. Papadopoulos, H. Karvounis, G. Koliakos, H. Dimitroula, T. Sfetsios, D. Parharidou, L. Settas
Biochemical and echocardiographic predictors of systemic sclerosis related pulmonary arterial hypertension
96. **19th European Meeting on Hypertension, June 12-16 2009, Milan**
M. Pikilidou, C. Befani, G. Koliakos, I. Tziolas, K. Kazakos, J. Yovos, A. Lazaridis
Natriuresis increase after calcium supplementation in subjects with hypertension and type 2 diabetes mellitus
97. **XV International Symposium on Atherosclerosis, June 14-18 2009, Boston MA, USA**
M. Sarigianni, K. Paletas, A. Tsapas, M. Kaloyianni, D. Konstantinidis, G. Koliakos
Insulin resistance increases the atherosclerotic properties of monocytes
98. **FEBS Advanced Lectures Course, FEBS-MPST 2009, Matrix Pathobiology, Signaling and Molecular Targets, July 11-16 2009, Patras**
a. P. Mallini, K. Topouridou, G. Koliakos, T. Empeslidis, A. Konstas
The effect of oxidative stress factors in the trabecular cells cytokine production

- b. E. Kostidou, G. Koliakos, K. Paletas, M. Kaloyianni
Oxidised laminin-1 and collagen IV induce increased monocyte attachment in diabetes mellitus. The role of alpha2, alphaL and beta2 integrin subunits
- c. G. Koliakos
Sodium/Hydrogen exchanger 1 dependent monocyte attachment and migration on extracellular matrix proteins in obesity and diabetes
99. **45th EASD Annual Meeting, Vienna, Austria, 29 September-2 October 2009**
M. Sarigianni, K. Paletas, A. Tsapas, M. Kaloyianni, K. Topouridou, G. Koliakos
Insulin and glucose promote expression of CD36 and phagocytosis of oxidized-LDL in monocytes from lean insulin sensitive and obese insulin resistant subjects
100. **35th FEBS Congress Molecules of Life, June 26-July 1 2010, Gothenburg, Sweden (Volume 277, Supplement 1, June 2010:53)**
K. Topouridou and G. Koliakos
Leukapheresis filters-derived monocytes dedifferentiate into promonocytic cells with proliferation ability
101. **International Symposium on Laser Surgery, 5-7 October 2010, Riyadh, KSA**
G. Koliakos
a. Current and emerging clinical applications of non-embryonic stem cells. Is there a role for lasers?
b. Lasers and stem cells: biomedical research, clinical trials and translational clinical applications precipitate or precocious?
102. **61st Hellenic Congress of the Greek Society of Biochemistry and Molecular Biology, Alexandroupolis, 15-17 October 2010**
Topouridou K., Kaloyianni M., Koliakos G
Monocyte de-differentiation into promonocytic cells is NHE-1 signaling independent
103. **22nd Hellenic Congress of Rheumatology, 1-4 December 2010, Athens**
T. Dimitroulas, G. Giannakoulas, K. Papadopoulou, T. Sfetsios, C. Dimitroula, T. Karamitsos, D. Parharidou, G. Koiakos, C. Karvounis, L. Settas
Activation of the neuroendocrine system and endothelial dysfunction in patients with scleroderma and early infraction
104. **6th APOCB Congress, The Asian-Pacific organization for cell biology "Challenges in cell biology: health, agriculture, industry and education", 25-28 February 2011, EDSA Shangri-La, Manila, Philippines. (Invited speaker)**
George Koliakos
Therapeutic potential of non-embryonic autologous stem cells and the justification for stem cell banking
105. **4th Hellenic Congress of Medical Biochemistry, Thessaloniki, 31 March-2 April 2011**
(Oral presentation)
Topouridou K., Kaloyianni M., Koliakos G.
The role of sodium/hydrogen exchanger NHE-1 in the mechanisms of human peripheral blood monocytes' differentiation
106. **6th Scientific Congress of AUTH Medical School., Thessaloniki, 7-9 April 2011**
Topouridou K., Kaloyianni M., Koliakos G.
The role of sodium/hydrogen exchanger NHE-1 in the differentiation of monocytes into macrophages and osteoclasts
107. **Excellence in Rheumatology, Cutting edge findings into clinical practice, 17-19 February 2011, Insanbul, Turkey [Rheumatology, 50(2):ii20]**
T. Dimitroulas, G. Giannakoulas, K. Papadopoulou, H. Karvounis, H. Dimitroula, G. Koliakos, T. Karamitsos, D. Parcharidou and L. Settas
Is early cardiac involvement in systemic sclerosis related to neurohormonal activation and endothelial dysfunction? A tissue-doppler study
108. **36th FEBS Congress, Biochemistry for Tomorrow's Medicine, Torino, Italy, June 25-30 2011**
G. Koliakos, C. Paletas, A. Tsapas, E. Kostidou, M. Sarigianni, D. Konstantinidis, Z. Zolota, K. Topouridou and M. Kaloyianni
The central role of sodium hydrogen exchanger (NHE 1) of monocytes in the initiation of atherosclerosis
109. **3rd International Congress of the Armenian Association of Plastic Reconstructive and Aesthetic Surgeons**, Unfavourable results and complications in plastic surgery, From avoidance to treatment, Yerevan, Armenia, June 28-30 2011
110. George Koliakos. Adipose tissue derived stem cells: Update on ongoing research and their application in the fields of plastic, aesthetic and reconstructive medicine. **2nd Panhellenic Congress of Surgery of Clinical Oncology and Cancer Prevention in Macedonia with International Participation**, Litochoro Pierias, 16-18 September 2011 Pavlidis ET, Ballas KD, Symeonidis NG, Psarras K, Koliakos G, Kouzi-Koliakos K, Topouridou K, Rafailidis SF, Pavlidis TE, Marakis GN, Sakantamis AK The effect of bevacizumab on colon anastomotic healing in rats.
111. **Symposium on cancer immunology and immunotherapy**, Nutley, New Jersey, USA, September 11-13 2011 George Koliakos, Konstantina Topouridou, Athanasios Papageorgiou, Kokkona Kouzi-Koliakos A metastasis inhibiting vaccine based on the laminin peptide YIGSR

