

Curriculum Vitae (CV)

Konstantinos Haitoglou – Associate Professor

Name: Konstantinos Haitoglou

Place of birth: Thessaloniki

Position: Associate Professor of Biological Chemistry, Medical Unit, School of Health Sciences, Aristotle University of Thessaloniki

Institution: Biological Chemistry, Medical Unit, School of Health Sciences, Aristotle University of Thessaloniki

Postgraduate studies: -PhD in Biochemistry “Phosphorylation-Apophosphorylation of Endoplasmic reticulum (ER) proteins and regulation”, Medical School, Aristotle University of Thessaloniki

Graduate studies: BSc in Biology, Department of Biology, School of Sciences, AUTH

Administrative work:

2012-20 Member of the Coordinating Committee for Postgraduate Studies (CCPS), Department of Medicine, School of Health Sciences, A.U.TH.

Member of the Curriculum Committee, Department of Medicine, School of Health Sciences, AUTH

Member of the Program Timetable Subcommittee, Department of Medicine, School of Health Sciences, AUTH

Member of the Student Affairs Committee, Department of Medicine, School of Health Sciences, AUTH

Member of the Education Office, Department of Medicine, School of Health Sciences, AUTH

2015-16 Member of the General Assembly, Department of Medicine, School of Health Sciences, AUTH

2014-17 Member of the Committee on Studies and Educational Policy, AUTH

Teaching : "Introduction in Biological Chemistry" (1st-year medical students)

"Biological Chemistry I" (2nd-year medical students)

Laboratory of Biological Chemistry (1st-3rd year medical students)

"Basic sciences methods in Medical Research I" in students of MSc Studies Programme “Medical Research Methodology”

Supervision of PhD Studies

Member of Advisory PhD Committee: 14, of which 1 as supervisor (the last 5 mentioned)

2016- Isolation and characterization of genes that exhibit the phenomenon of differential expression in lung cancer
Christos Karageorgopoulos
Member

2016- Investigation of the prognostic value of GNAS1 T393C polymorphism in the

- outcome of patients with non-small cell lung cancer
Achilleas Lazopoulos
Member
- 2016- Study of progesterone and $\alpha\beta 3$ integrin receptor expression in the endometrium of infertile women in relation to the cause of infertility
Stamatios Petousis
Member
- 2016- Significance of expression of Leukemia Inhibitory Factor-Receptor and HOXA-10 and 11 genes in endometrial receptivity
Chrysoula Margioulas-Siarkou
Member
- 2016- Experimental study of neuronal cell molecular response after glutaminic-acid induced toxicity
Eleni Stamoula
Member

Member of Examination Committee: 8

Supervision of MSc Studies Diplomatic Work: 8

Supervision of Bsc Studies Diplomatic Work: 1

Areas of research activity: protein analysis (chromatography, electrophoresis, Western-blot, 2-dimension electrophoresis), protein expression, real-time PCR

Organizing and Scientific Committees

Organizing Committee of 6th Scientific Congress of Medical Unit, School of Health Sciences, Aristotle University of Thessaloniki

Organizing Committee of Scientific Seminar "Cellular Interaction and Signaling" organized by Greek Society of Biological Chemistry and Molecular Biology, Thessaloniki, 2009

Scientific Committee of 1st Scientific Congress of Medical Unit, School of Health Sciences, Aristotle University of Thessaloniki, 2002

Invited lectures:4

Specialized seminars:

1. Modern methods for detection and analysis of gene expression (immunohistochemistry-fluorometry-Western Blot-TMA-ELISA) in the complex of BSc Knowledge Update Program entitled "Modern Implications of Biosciences", Thessaloniki, 2014
2. Proteomics: Electrophoretic Separation of proteins-immunostaining-mass spectrometry. Working seminar during the 4th Pan-hellenic Congress of Medical Biochemistry, Thessaloniki, 2011
3. Electrophoresis of proteins and immunostaining techniques. Workings seminar

organized by Laboratories of Biological Chemistry, Biology and Microbiology in co-operation with West-Brabant Polytechnic Training Center in Medical Biotechnology, Etten-Leur, The Netherlands, Thessaloniki, 1993

Full-text publications in international journals (peer-reviewed)

1. Unexplained infertility patients present the mostly impaired levels of progesterone receptors: Prospective observational study. Petousis S., Prapas Y., Margioulas-Siarkou C., Ravanos K., Milias S., Mavromatidis G., Kalogiannidis I., Haitoglou C., Athanasiadis A., Prapas N., Rousso D. American Journal of Reproductive Immunology vol. 79, iss. 6, e12828, 2018. [IF 3.013]
2. LIF endometrial expression is impaired in women with unexplained infertility while LIF-R expression in all infertility sub-groups. Margioulas-Siarkou C., Prapas Y., Petousis S., Milias S., Ravanos K., Dagklis T., Kalogiannidis I., Mavromatidis G., Haitoglou C., Prapas N., Rousso D. Cytokine vol. 96, p. 166-172, 2017 [IF 2.940]
3. Increased Delta 133p53 mRNA in lung carcinoma corresponds with reduction of p21 expression. Fragou A., Tzimagiorgis G., Karageorgopoulos C., Barbetakis N., Lazopoulos A., Papaioannou M., Haitoglou C., Kouidou S. Molecular Medicine Reports vol. 15, iss. 4, p. 1455-14-60, 2017 [IF 1.554]
4. Association of two synonymous splicing-associated CpG single nucleotide polymorphisms in calpain 10 and solute carrier family 2 member 2 with type 2 diabetes. Karambataki M., Malousi A., Tzimagiorgis G., Haitoglou C., Fragou A., Georgiou E., Papadopoulou F., Krassas GE., Kouidou S. Biomedical Reports, vol. 6, iss. 2, p. 146-158, 2017
5. LIF and LIF-R expression in the endometrium of fertile and infertile women: a prospective observational case-control study. Margioulas-Siarkou C., Prapas Y., Petousis S., Millias S., Ravanos K., Kalogiannidis I., Mavromatidis G., Haitoglou C., Prapas N., Rousso D. Molecular Medicine Reports vol. 13, iss. 6, p. 4721-28, 2016 [IF 1.554]
6. Expression of progesterone receptors is significantly impaired in the endometrium of infertile women during the implantation window: a prospective observational study. Petousis S., Prapas Y., Margioulas-Siarkou C., Millias S., Ravanos K., Kalogiannidis I., Haitoglou C., Prapas N., Rousso D. Journal of Maternal-Fetal and Neonatal Medicine, vol.29, iss. 23, p. 3912-3919 2016 [IF 1.367]
7. Low dose administration of glutamate triggers a non-apoptotic, autophagic response in PC12 cells. Stamoula E., Vavilis T., Angelidou E., Kaidoglou-Anagnostopoulou A., Cheva A., Mellidis K., Lazou A., Haitoglou C., Albani M., Kritis A. Cell Physiol Biochem. vol.37 p.1750-8, 2015 [IF 2.875]
8. Accumulation of carbapenem resistance mechanisms in VIM-2-producing Pseudomonas aeruginosa under selective pressure. Meletis G., Vavatsi N., Exindari M., Protonotariou E., Sianou E., Haitoglou C., Sofianou D., Pournaras S., Diza E. Eur J Clin Microbiol Infect Dis. 33(2) p. 253-8, 2014 [IF 2.668]
9. p16 promoter methylation in Pb²⁺-exposed individuals. Kovatsi L.K., Georgiou E., Ioannou A., Haitoglou C., Tsoukali-Papadopoulou E., Kouidou-Andreou S. Clinical Toxicology 48:2, 124-8, 2010 [IF 3.673]

10. Frequent presence of incomplete HPV16 E7 ORFs in lung carcinomas: Memories of viral infection. Krikelis D., Tzimagiorgis G., Georgiou E., Destouni C., Agorastos T., Haitoglou C., Koudou S. J Clin Virology 49:3, 169-74, 2010 [IF 3.016]
11. The effect of 4-deoxypyridoxine phosphate on the activity of thymidylate synthase in T lymphocytes. Palassopoulou M., Papageorgiou G., Dimitriadou A., Haitoglou C. Review of Clinical Pharmacology and Pharmacokinetics, 16:1, 89-90, 2002
12. PLP induced inhibition of thymidylate synthase activity in T lymphocytes. Palassopoulou M., Haitoglou C., Papageorgiou G. and Dimitriadou A. European Journal of Inflammation 1:2, 79-83, 2003 [IF 0.298]
13. Serine hydroxymethyltransferase (SHMT) as a precious indicator of antiproliferative or immunosuppressive potency of various compounds. Trakatellis A., Exindari M., Haitoglou C., Christodoulou D. and Dimitriadou A. International Journal of Immunopathology and Pharmacology 8, p. 37, 1995 [IF 1.617]
14. Rat liver endoplasmic reticulum protein kinases. Kosmopoulou I., Koliakos G., Haitoglou C., Christodoulou D., Dimitriadou A. and Trakatellis A. Int J Biochem 26:3, 403-14, 1994 [IF 4.046]
15. Effect of combination of deoxypyridoxine with known antiproliferative or immunosuppressive agents on lymphocyte serine hydroxymethyltransferase. Trakatellis A., Dimitriadou A., Exindari M., Christodoulou D., Malissiovas N., Antoniadis A. and Haitoglou C. Postgraduate Medical Journal 70 (Suppl. 1), S89-92, 1994 [IF 1.448]
16. Altered cellular interactions between endothelial cells and nonenzymatically glycosylated laminin/type IV collagen. Haitoglou C., Tsilibary E., Brownlee M. and Charonis A. J Biological Chemistry 267, p. 12404-07, 1992 [IF 4.258]

Total IF 31.314/ Total citations 190 / h index 5

Publications in special issues of international journals (peer-reviewed)

1. Regulation of expression of the p21^{CIP1} gene by the transcription factor ZNF217 and MDM2. Mantsou A., Koutsogiannouli E., Haitoglou C., Papavassiliou AG., Papanikolaou NA. 58th Annual Meeting of the Canadian Society for Molecular Biosciences, Halifax, CANADA, Biochemistry and Cell Biology, vol. 94, iss.6 (special issue), p. 560-568, 2016 [IF 1.889]
2. Endometrial expression of Leukemia Inhibitory Factor (LIF), LIF-Receptor and HOXA-11 but not HOXA-10 is significantly impaired in women with unexplained infertility during implantation window. Miliadis S., Margioulas-Siarkou C., Prapas Y., Petousis S., Ravanos K., Kalogianniidis I., Mavromatidis G., Haitoglou C., Prapas N., Rousso D. Virchows Archiv vol. 469, Suppl 1, S105-S106, 2016 [IF 2.613]
3. Immunohistochemistry expression of progesterone and avb3 integrins in the endometrium of fertile and infertile women. Petousis S., Prapas Y., Margioulas-Siarkou C., Ravanos K., Kalogianniidis I., Mavromatidis G., Haitoglou C., Prapas N., Rousso D. Virchows Archiv vol. 469, Suppl 1, S106, 2016 [IF 2.613]
4. Expression of Notch receptors in primary breast cancer and correlation to pathologic features. Touplikioti P., Papazisis K., Kontovinis L., Koumpanaki M., Patakiouta F., Mouratidou D., Boutis L., Haitoglou C. AACR Annual Meeting (Denver, CO), Cancer Research vol 69: 2730, 2009 [IF 7,543]

5. Frequent presence of incomplete, but not full length HPV-16 E7 ORFs in lung carcinomas: 'memories' of viral infection? D. Krikelis, G. Tzimagiorgis, E. Georgiou, I. Anzel, H Destouni, T. Agorastos, C. Haitoglou, and S. Kouidou FEBS Journal 275 (Suppl. 1), 283A, 2008 [IF 4.001]
6. p16 methylation among high risk, cigarette smokers and heavy metal-exposed individuals. K. Fedonidis. E. Georgiou, A. Ioannou, L. Kovatsi, K. Fragou, T. Agorastos, S. Girousi, A. Voulgaropoulos, E. Tsoukali, C. Haitoglou, G Tzimagiorgis and S. Kouidou FEBS Journal 275 (Suppl. 1), 409A, 2008 [IF 4.001]
7. Defective polymerization of type IV collagen following nonenzymatic glycosylation. Tsilibary E., Charonis A. and Haitoglou C. Diabetes 41: 80A, 1992 [IF 8.095]
8. Functional alterations of type IV collagen following nonenzymatic glycosylation. Haitoglou C., Charonis A. and Tsilibary E. J. Cell Biology 115: 439 A, 1991 [IF 12,005]
9. Nonenzymatic glycosylation of laminin and type IV collagen reduces their ability to promote endothelial cell adhesion. Charonis A., Haitoglou C. and Tsilibary E. Diabetes 40: 123A, 1991 [IF 8.095]
10. Study of rat liver microsomal proteins. Kosmopoulou-Charalambaki I., Haitoglou C., Christodoulou D., Koliakos G., Dimitriadou A. and Trakatellis A. Abstracts, 20th FEBS Meeting, p. 280, Budapest, 1990

Total IF 42,76

Presentations in International Congresses: 21

Full-text publications in Greek journals (peer-reviewed)

1. Lung cancer: modern evidence in investigation of disease's molecular basis. Dimitriadou A., Katopodi T., Kouidou-Andreou S., Karkanis G., Vavatsi-Christaki N., Chaitoglou K., Spanos P and Tzimagiorgis G. Issues of Surgery, Honouring Issue of Professor Tasos Aidonopoulos, page 120, 2003, University Studio Press, Thessaloniki
2. Inhibition of thymidic cycle enzymes' actions. Palasopoulou M., Chaitoglou C., Papageorgiou G and Dimitriadou A. Medical School Scientific Yearbook 28, issue 1, page 49, 2001
3. Hyperhomocysteinemia: risk factor for atherosclerosis. Chaitoglou C., Gounaris I., Felekis I. Medical School Scientific Yearbook 27, issue 1, page 79, 2000
4. Biochemical approach in detection of defoliated cell pathogenesis. Koliakos G., Konstantinos A.G.P., Dimitrakoulas N., Chaitoglou C., Triantos A. Ophthalmology 6, issue 4, page 419, 1994

Presentations in Greek Congresses: 15

Authorship in educational books-textbooks

1. Basic Medical Biochemistry of Marks: a clinical approach. Participation in translation

of English book which is being taught in students of Medical and Dentistry Units of Faculty of Health Sciences, Aristotle University of Thessaloniki. Publish: Parisianos, 2014

2. Biochemistry Exercises. Authorship in textbook used for laboratory practice of students of Medical and Dentistry Units of Faculty of Health Sciences, Aristotle University of Thessaloniki. Published by: A.U.TH. Publications Unit
3. Electrophoresis of proteins: general principles and implementation in clinical practice. Chaitoglou K and Van Bragt P.H. Textbook of Working Seminar, page 85, 1994
4. Surveing techniques. Chaitoglou K and Van Bragt P.H. Textbook of Working Seminar, Page 113, 1994
5. Electrophoresis: General principles and implication in clinical practice. Chaitoglou K. 8th Seminar of Medical Diagnostics and Microbiology, Microbiology Annals, issue 9, page 51, 1993

Prizes

1. Honouring prize for the poster presentation "Study of progesterone expression patterns in the endometrium of fertile and infertile women", presented in 13th Pan-Hellenic Congress of Obstetrics and Gynaecology, Volos, 2015

Member of Societies

Greek Society of Biological Chemistry and Mollecular Biology

Greek Bioscientists Society

Greek Pharmacology Company