

CURICULUM VITAE

MARIA ELENi (MARILENA)

KAMPA

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General Information

Personal Data

Name: Maria Eleni (Marilena) Kampa
Date and place of birth: 25 March 1972, Volos, Greece
Marital Status: Married, 1 children
Nationality: Greek
Address: Laboratory of Experimental Endocrinology
 School of Medicine,
 GR-71003, Heraklion, Crete, Greece
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Studies

University Biomedical Sciences BSc.(Hons) Sandwich Course
 School of Health Sciences
 University of Sunderland U.K.
1994

Projects

One year placement project “*Comparison of Elisa and Dot Blot Hybridisation for the detection of a plant virus*” Laboratory of Applied Biochemistry and Immunology Institute of Molecular Biology and Biotechnology, FORTH, Heraklion, Crete, Greece. (1992-1993)

Final Year project “*Development of an ELISA assay for proteases*”, Laboratory of Pharmacology, School of Health Sciences, University of Sunderland, U.K. (1993-1994)

Doctoral Thesis

University of Crete, School of Medicine
 Laboratory of Experimental Endocrinology
 “Opioid system and prostate cancer”
2002

Languages

English

French

Positions held

1996-1997	Research and Teaching Assistant University of Crete, School of Medicine
2002-2009	Research and Teaching Associate University of Crete, School of Medicine, Laboratory of Experimental Endocrinology.
2009	Post-Doctoral Fellowship in the Laboratory of “Cancerologie Mammaire” at the Institute Jules Bordet, University Libre of Brussels, Belgium.
2009-2016	Assistant Professor of Experimental Endocrinology, University of Crete, School of Medicine.
2010-2019	Member of the Laboratory of Experimental Endocrinology-Clinical Immunology at the University Hospital of Heraklion.
2016- 2021	Associate Professor of Experimental Endocrinology, University of Crete, School of Medicine
2019-	Head of the Laboratory of Experimental Endocrinology-Clinical Immunology at the University Hospital of Heraklion.
2021-	Professor of Experimental Endocrinology, University of Crete, School of Medicine

Teaching and Training Experience at the under- and post-graduate level

1995-1999	Teaching assistant in students’ Laboratory practice, in the course of Laboratory Medicine, Department of Laboratory Medicine, School of Medicine, University of Crete.
2004-2007	Teaching Associate in the course of Laboratory Medicine (5 th semester) School of Medicine, University of Crete, (24hours).

2006-2007	Teaching Associate in the Education Program for Nurses specialization in Surgery or Pathology at the University Hospital Heraklion, Crete, (4hours).
2009-	Teaching in the course of Laboratory Medicine-Clinical Immunology (5 th semester) School of Medicine, University of Crete, (36 hours). Responsible for the course since 2020.
2010-	Teaching Associate in the Educational Program of medical doctors during their specialization in Biopathology.
2012-	Participation in the course of “Introduction to Basic Research” (6th semester) School of Medicine, University of Crete.
2009-	- Supervising: 14 PhDs (3 as the principal supervisor) 22 final year projects and Master theses -Training of junior scientists (10 PhD; 20 final year projects; 22 undergraduate medical students; 4 research technicians) in basic and advanced modern laboratory methods (these include: basic biochemical techniques, high-throughput methods (Luminex, Affymetrix), immunocytochemical and molecular methods, high-throughput transcriptome analysis, flow cytometry, confocal microscopy and animal studies).
2019-	Academic Exchange with Jena University Hospital, Germany (DAAD -German Academic Exchange Service-Partnership with Greece)

Scientific work

Funding

As Principal Investigator:

IEVSRV 2001	Research Grant (13000.00 Euro) from the Institut Européen Vin et Santé des Régions Viticoles for the project entitled “ <i>Nitric Oxide/Nitric Oxide Synthases system in breast, prostate, and hepatocellular cancer</i> ”.
ELKE UOC 2009	Research Grant (2500.00 Euro) from the Special Research Account from the University of Crete for the project entitled “ <i>Study of the actions of the peptide ERa17p that corresponds to the regulatory platform the estrogen receptor alpha in breast cancer cells</i> ”.
ELKE UOC 2011	Research Grant (2500.00 Euro) from the Special Research Account from the University of Crete for the project entitled “ <i>Study of the actions of the TNF family members TNF, BAFF and APRIL in breast cancer cells</i> ”.
COOPERATION 2011	Research Grant (646270.00 Euro) from the General Secretariat for Research and Technology of the Ministry of Education, Life Long Learning and Religious Affairs for the project entitled “ <i>Development of Functional Food Products with Encapsulated Active Ingredients</i> ”.
SR-LUNG 2012	Research Grant/Marie Curie CIG Fellowship-PCIG10-GA-2011-303723 (75000.00 Euro) from EU-Marie Skłodowska-Curie Actions for the project entitled “ <i>Steroid Receptors in Non-Small Cell Lung Cancer: Diagnostic, prognostic and therapeutic Implications</i> ”.
MAGIC FUNDS 2014	Research Grant (7620.24 Euro) from the General Secretariat for Research and Technology of the Ministry of Education and Religious Affairs for the project entitled “ <i>Study of the expression of OXER1 in breast cancer</i> ”.
ELKE UOC 2017	Research Grant (15000.00 Euro) from the Special Research Account from the University of Crete for the project entitled “ <i>Novel membrane androgen receptors in prostate cancer</i> ”.

IAMA 2018	Research Grant (36049.11 Euro) from Olvos Science for the project entitled “ Acute and chronic toxicity studies for a Cretan herb mixture”.
DAAD 2020	Research and Exchange Grant (65541.00 Euro) from DAAD (German Academic Exchange Service)-Partnership with Greece 2020 for the project entitled “Membrane initiated steroid actions and their physiological significance”.
OXER-IC 2020	Research Grant (180000,00 Euro) from Hellenic Foundation of Research and Innovation (1st Call for H.F.R.I. Research Projects to Support Faculty Members & Researchers) for the project entitled “Deciphering the actions and pharmacological selectivity of the novel lipid/steroid GPCR, OXER1 in inflammation and cancer”

Participant Investigator:

YIIBET/IIENEΔ '95	Research Grant (23477.61 Euro) from the General Secretariat for Research and Technology of the Ministry of Education, Life Long Learning and Religious Affairs for the project entitled “Opioid System and breast cancer”
YIIBET/IIABE '99	Research Grant (41162.14 Euro) from the General Secretariat for Research and Technology of the Ministry of Education, Life Long Learning and Religious Affairs for the project entitled “Biologically active peptides from human casein: New therapeutic approach in hormone sensitive cancer”.
IIENEΔ 2000	Research Grant (99 ΕΔ619) from the General Secretariat for Research and Technology of the Ministry of Education, Life Long Learning and Religious Affairs for the project entitled: “Structure and function analysis nitric oxide reductase (NOR) from <i>Paracoccus denitrificans</i> ”.
Paradox 2004	Research Grant (255390.00 Euro) from the European Union for the project entitled: “ <i>French Paradox-Red Wine extract food additives</i> ”.
KEΣY 2005	Research Grant (24000.00 Euro) from the Ministry of Health (KEΣY) for the project entitled “ <i>Use of proanthocyanidins as cytostatic agents in prostate cancer: in vivo study in nude mice</i> ”.
I4 CRETE	Research Grant (9928.56 Euro) from the General Secretariat for Research and Technology of the Ministry of Education, Life Long

Learning and Religious Affairs (Action A7) for the project entitled “*Cretan Vineyard*”.

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|---------------------|---|
| EOX-EEA 2009 | Research Grant (40000.00 Euro) from the European Union for the project entitled “ <i>Demonstration of the flocculation/absorption of olive mill waste water Polyphenol isolation</i> ”. |
| ECO Innovation 2010 | Research Grant (200000.00 Euro) from the Innovation Center of Crete and European Union (Norway and EEA grants) for the project entitled: “ <i>Olive mill wastewater treatment (polyphenol isolation)</i> ”. |

Patents

1. Steroid-protein conjugates (structure, function and use of) for the treatment of cancer. US 7,358,379, AU2003281165, US 7,495,115 European, Canadian and Japanese applications pending
2. Anti-cancer compounds WO2012038694
3. Steroid-protein conjugates for co-administration with erythropoietin. US2010086542
4. Estrogen receptor alpha polypeptide sequence, diagnostic and therapeutic applications thereof WO2012049229.
5. ER-alpha-17p peptide, effects on stem cell differentiation WO2012048755.
6. A water-olive extract with metabolic and cardioprotective properties. PCT/EP2015/077814
7. Para-cymene analogues as anti-virals, GR-22-0002175198, UK-2002141.6, RF: 93.84.142364/01

Awards

1. **Young Scientists Award « Gardiki-Kouidou»** by the Hellenic Society of Biochemistry & Molecular Biology, **2002**.
2. **1st Award for best Poster Presentation** in the 55th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology 13-15 November **2003**, Athens, Greece ,“*Detection of membrane and classical intracellular estrogen receptors in pheochromocytoma PC12 cells.*”
3. **Hellenic L’Oreal-UNESCO Award for young women in Science, 2007.**
4. **Best Breast Cancer Translational Research Poster Award** in the 12th PanHellenic Conference of Pathology, 16-19 June **2010**, Thessaloniki, Greece. “Membrane

androgen receptor (mAR) and erythropoietin receptor (EPOR) in breast cancer: relevance in breast cancer”.

Published Scientific Work

A. PUBLICATIONS

Number: 118 (Source: PubMed, 20/11/2025)

Total Citations (Google Scholar): 13103

H-index (Google Scholar): 44

Original scientific publications and review articles in Peer Review Journals

- A-1. Kampa M.**, Loukas S., Hatzoglou A., Martin P., Martin P-M., Castanas E.
Identification of a novel opioid peptide derived from alpha-S1 human casein (alpha-S1 casomorphin, and alpha-S1 casomorphin-amide) Biochem. J. 319, 903-908, 1996.
- A-2. Kampa M.**, Bakogeorgou E., Hatzoglou A., Damianaki A., Martin P-M., Castanas E.
Opioid alkaloids and casomorphin peptides decrease prostatic cancer cell line (LNCap, PC3 and DU145) proliferation through a partial interaction with opioid receptors. Eur. J. Pharmacol. 335, 255-266, 1997.
- A-3. Kampa M.**, Margioris A.N., Hatzoglou A., Dermitzaki E., Gravanis A., Henry J-F., Oliver C., Castanas E. Kappa1 are the dominant opioid binding sites in surgical specimens of human pheochromocytomas and a human pheochromocytoma (KAT45) cell line. Europ. J. Pharmacol. 364, 255-262, 1999.
- A-4.** Damianaki A., Bakogeorgou E., **Kampa M.**, Notas G., Hatzoglou A., Panagiotou S., Gemetzi C., Kouroumalis E., Martin P-M., Castanas E. Potent inhibitory action of red wine polyphenols on human breast cancer cells. J. Cell. Biochem. 78, 429-441, 2000.
- A-5.** Hatzoglou A., Bakogeorgou E., **Kampa M.**, Panagiotou S., Martin P-M., Loukas S., Castanas E. Somatostatin and Opioid Receptors in mammary tissue: Role in cancer cell growth. Adv. Exper. Med. Biol. 480, 55-63, 2000.
- A-6. Kampa M.**, Hatzoglou A., Notas G., Damianaki A., Bakogeorgou E., Gemetzi, C., Kouroumalis E., Martin P-M., Castanas E. Wine antioxidant polyphenols inhibit the proliferation of human prostate cancer cell lines. Nutr. Cancer 37, 105-115, 2000.
- A-7. Kampa M.**, Hatzoglou A., Notas G., Niniraki M., Kouroumalis E., Castanas E. Opioids are non-competitive inhibitors of nitric oxide synthase in T47D human breast cancer cells. Cell Death Differ. 8, 943-952, 2001.

- A-8. Kampa M.** Loukas S., Tsapis A., Castanas E. Receptorphin: a conserved peptide derived from the sequence of the opioid receptor, with opioid displacement activity and potent antiproliferative actions in tumor cells. *BMC Pharmacology*, 1, 9(1), 2001.
- A-9. Kampa M.** Nistikaki A., Tsaousis V., Maliaraki N., Notas G., Castanas E. A new automated method for the determination of the Total Antioxidant Capacity (TAC) of human plasma, based on the crocin bleaching assay. *BMC Clinical Pathology* 2: 3, 2002.
- A-10. Kampa M.** Papakonstanti E.A., Hatzoglou A., Stathopoulos E.N., Stournaras C., Castanas E. The human prostate cancer cell line LNCaP bears functional membrane testosterone receptors, which increase PSA secretion and modify actin cytoskeleton. *FASEB J.* 16, 1429-1431, 2002.
- A-11.** Kallergi G, Tsapara A., **Kampa M.**, Krasagakis K., Castanas E., Stournaras C. Distinct signaling pathways regulate differential opioid effects on actin cytoskeleton in malignant MCF7 and non-malignant MCF12A human breast epithelial cells. *Exp. Cell Res* 288, 94-109, 2003.
- A-12.** Malliaraki N., Mpliamplias D., **Kampa M.**, Perakis K., Margioris A.N., Castanas E. Total and Corrected Antioxidant Capacity in hemodialyzed patients. *BMC Nephrology* 4:4, 2003.
- A-13.** Papakonstanti E.A., **Kampa M.**, Castanas E., Stournaras C. A rapid, non-genomic, signaling pathway regulates the actin reorganization induced by activation of membrane testosterone receptors. *Mol. Endocrinology* 17, 870-881, 2003.
- A-14.** Stathopoulos E.N., Dambaki C., **Kampa M.**, Theodoropoulos P.A., Anezinis P., Delakas D., Delides G.S., Castanas E. Membrane androgen binding sites are preferentially expressed in human prostate carcinoma cells. *BMC Clinical Pathology* 3,1, 2003.
- A-15.** Alexaki VI., Charalampopoulos I., **Kampa M.**, Vassalou H., Theodoropoulos P., Hatzoglou A., Gravanis A., Castanas E. Estrogen exerts neuroprotective effects via membrane estrogen receptors and rapid Akt/NOS activation. *FASEB J.* 18, 1594-1596, 2004.
- A-16. Kampa M.** Alexaki VI., Notas G., Nifli AF., Nistikaki A., Hatzoglou A., Bakogeorgou E., Kouimtzoglou E., Blekas G., Boskou D., Gravanis A., Castanas E. Antiproliferative and apoptotic effects of selective Phenolic acids on T47D human

breast cancer cells: Potential mechanisms of action. Breast Cancer Res. 6: R63-R74, 2004.

- A-17. Kampa M.** Alexaki V.I., Papakonstanti E., Hatzoglou A., Stournaras C., Castanas E. The opioid agonist, ethylketocyclazocine reverts the rapid, non-genomic, effects of membrane testosterone receptors in the human prostate LNCaP cell line. Exp. Cell. Res. 294, 434-445, 2004.
- A-18.** Notas G., Kolios G., Mastrodimou N., **Kampa M.**, Vasilaki A., Xidakis C., Castanas E., Thermos K., Kouroumalis E. Cortistatin production by HepG2 human hepatocellular carcinoma cell line and distribution of Somatostatin receptors. J. Hepatol 40, 792-798, 2005.
- A-19.** Dambaki C., Kogia Ch., **Kampa M.**, Darivianaki K., Nomikos M., Theodoropoulos P., Anezinis P., Castanas E., Stathopoulos EN. Membrane testosterone binding sites in prostate carcinoma as a potential new marker and therapeutic target: study in paraffin tissue sections. BMC Cancer. 2005 Nov 17;5:148.
- A-20.** Hatzoglou A., **Kampa M.**, Castanas E. Opioid-somatostatin interactions in regulating cancer cell growth. Front. Biosci. 10, 244-256, 2005.
- A-21.** Hatzoglou A., **Kampa M.**, Kogia C., Charalampopoulos I., Theodoropoulos PA., Anezinis P., Dambaki C., Papakonstanti EA., Stathopoulos EN., Stournaras C., Gravanis A., Castanas E. Membrane androgen receptor activation induces apoptotic regression of human prostate cancer cells in vitro and in vivo. J. Clin. Endocrinol. Metab. 90, 893-903, 2005.
- A-22. Kampa M.** Nifli AP, Charalampopoulos I., Alexaki VI., Theodoropoulos PA., Stathopoulos EN., Gravanis A., Castanas E. Opposing effects of estradiol- and testosterone-membrane binding sites on T47D breast cancer cell apoptosis. Exp. Cell. Res. Jul 1; 307(1):41-51, 2005.
- A-23.** Nifli AP., Bosson-Kouame A., Papadopoulou N., Kogia C., **Kampa M.**, Castagnino C., Stournaras C., Vercauteren J., Castanas E. Monomeric and oligomeric flavanols are agonists of membrane androgen receptors. Exp. Cell. Res. 309, 329-339, 2005.
- A-24.** Nifli AP., **Kampa M.**, Alexaki VI., Notas G., Castanas E. Polyphenol interaction with the T47D human breast cancer cell line. J. Dairy Res 72, 44-50, 2005.
- A-25.** Notas G., Maliaraki N., **Kampa M.**, Dimoulis F., Matrella E., Hatzidakis A., Castanas E., Kouroumalis E. Patients with primary biliary cirrhosis have increased

serum total antioxidant capacity measured with the crocin bleaching assay. *World J. Gastroenterol.* Jul 21; 11(27):4194-8, 2005.

- A-26.** Alexaki VI., Charalampopoulos I., **Kampa M.**, Nifli AP., Hatzoglou A., Gravanis A., Castanas E. Activation of membrane estrogen receptors induce pro-survival kinases. *J Steroid Biochem Mol Biol.* 2006 Feb;98(2-3):97-110.
- A-27.** Alexaki VI., Dermitzaki E., Charalampopoulos I., **Kampa M.**, Nifli AP., Gravanis A., Margioris A., Castanas E. Neuronal differentiation of PC12 cells abolishes the expression of membrane androgen receptors. *Exp Cell Res.* 2006 Sep 10;312(15):2745-56.
- A-28.** Dimitriou H., Bakogeorgou., **Kampa M.**, Notas G., Stiakaki E., Kouroumalis E., Kalmanti M., Castanas E. kappa-opioids induce a reversible inhibition of CFU-GM from CD133(+) cord blood cells. *Cytotherapy.* 2006;8(4):367-74.
- A-29.** **Kampa M.**, Castanas E. Membrane steroid receptor signaling in normal and neoplastic cells. *Mol Cell Endocrinol.* 2006 Feb 26;246(1-2):76-82.
- A-30.** **Kampa M.**, Kogia C., Theodoropoulos PA., Anezinis P., Charalampopoulos I., Papakonstanti EA., Stathopoulos EN., Hatzoglou A., Stournaras C., Gravanis A., Castanas E. Activation of membrane androgen receptors potentiates the antiproliferative effects of paclitaxel on human prostate cancer cells. *Mol Cancer Ther.* 2006 May;5(5):1342-51.
- A-31.** Melissas J., Malliaraki N., Papadakis JA., Taflampas P., **Kampa M.**, Castanas E. Plasma antioxidant capacity in morbidly obese patients before and after weight loss. *Obes Surg.* 2006 Mar;16(3):314-20.
- A-32.** Notas G., Nifli AP., **Kampa M.**, Vercauteren J., Kouroumalis E Castanas E. Resveratrol exerts its antiproliferative effect on HepG2 hepatocellular carcinoma cells, by inducing cell cycle arrest, and NOS activation. *Biochim Biophys Acta.* 2006 Nov;1760(11):1657-66.
- A-33.** **Kampa M.**, Castanas E. Human health effects of air pollution. *Environ Pollut.* 2007 Jul 21 1-6. PMID: 17646040.
- A-34.** **Kampa M.**, Nifli AP., Notas G., Castanas E. Polyphenols and cancer cell growth. *Rev Physiol Biochem Pharmacol.* 2007; 159:79-113.

- A-35.** Notas G., **Kampa M.**, Nifli AP., Xidakis C., Papasava D., Thermos K., Kouroumalis E., Castanas E., The inhibitory effect of opioids on HepG2 cells is mediated via interaction with somatostatin receptors. *Eur J Pharmacol.* 2007 555:1-7.
- A-36.** Pelekanou V., **Kampa M.**, Kafousi M., Dambaki K., Darivianaki K., Vrekousis T., Sanidas E., Tsiftsis D., Stathopoulos E., Castanas E. Erythropoietin and its receptor in breast cancer: correlation with steroid receptors and outcome. *Cancer Epidemiol Biomarkers Prev.* 2007, 16(10):1-8.
- A-37.** Litos I., Emmanouilidou E., Glynou K., Laios E., Ioannou P., Christopoulos T., **Kampa M.**, Castanas E., Achille Gravanis A. Rapid Genotyping of CYP2D6, CYP2C19 and TPMT Polymorphisms by Primer Extension Reaction in a Dipstick Format. *Anal Bioanal Chem.* 2007 Nov; 389;(6):1849-1857.
- A-38.** **Kampa M.**, Pelekanou V., Castanas E. Membrane-initiated steroid action in breast and prostate cancer. *Steroids* 2008 Oct;73(9-10):953-60.
- A-39.** Vassou D., Bakogeorgou E., **Kampa M.**, Dimitriou H., Hatzoglou A., Castanas E. Modulation of B cell constitutive antibody secretion by opioids. *International Immunopharmacology* 2008 May;8(5):634-44.
- A-40.** Pelekanou V., **Kampa M.**, Kafousi M., Darivianaki K., Sanidas E., Tsiftsis D., Stathopoulos E., Tsapis A., Castanas E. Expression of TNF superfamily members BAFF and APRIL in breast cancer: Immunohistochemical study in 52 invasive ductal breast carcinomas *BMC Cancer* 2008 Mar 20;8:76.
- A-41.** Alexaki V.I., Charalampopoulos I, Panayotopoulou M., **Kampa M.**, Gravanis A., Castanas E. Dehydroepiandrosterone protects human keratinocytes against apoptosis through membrane binding sites. *Exp Cell Res.* 2009 Aug 1;315(13):2275-83.
- A-42.** Alexaki VI, Notas G., Pelekanou V., **Kampa M.**, Valkanou M., Theodoropoulos P., Stathopoulos E., Tsapis A., Castanas E. Adipocytes as Immune Cells: Differential Expression of TWEAK, BAFF, and APRIL and Their Receptors (Fn14, BAFF-R, TACI, and BCMA) at Different Stages of Normal and Pathological Adipose Tissue Development. *J Immunol.* 2009 Nov 1;183(9):5948-56.
- A-43.** Notas G., Pelekanou V., Castanas E., **Kampa M.** Conjugated and non-conjugated androgen differentially modulate specific early gene transcription in breast cancer in a cell-specific manner. *Steroids.* 2010 Aug-Sep;75(8-9):611-8. Pelekanou V, Notas G, Sanidas E, Tsapis A, Castanas E, **Kampa M.** Testosterone membrane-initiated action

in breast cancer cells: Interaction with the androgen signaling pathway and EPOR. *Mol Oncol.* 2010 Apr;4(2):135-49.

- A-45.** Pelekanou V, Kampa M., Gallo D, Notas G, Troullinaki M, Duvillier H, Jacquot Y, Stathopoulos EN, Castanas E, Leclercq G. The estrogen receptor alpha-derived peptide ER α 17p (P(295)-T(311)) exerts pro-apoptotic actions in breast cancer cells in vitro and in vivo, independently from their ER α status. *Mol Oncol.* 2011 Feb;5(1):36-47.
- A-46.** Kampa M., Theodoropoulou K, Mavromati F, Pelekanou V, Notas G, Lagoudaki H, Nifli AP, Stathopoulos EN, Morel-Salmi C, Vercauteren J, Castanas E. Novel oligomeric proanthocyanidin analogs with specific affinity for membrane androgen receptors and a specific regressive effect in hormone-independent prostate cancer. *The Journal of Pharmacology and Experimental Therapeutics (JPET)* 2011 337(1):24-32.
- A-47.** Pelekanou V, Notas G, Theodoropoulou K, Kampa M., Takos D, Alexaki VI, Radojicic J, Sofras F, Tsapis A, Stathopoulos EN, Castanas E. Detection of the TNFSF members BAFF, APRIL, TWEAK and their receptors in normal kidney and renal cell carcinomas. *Anal Cell Pathol:Cell Oncol* 2011; 34(1-2): 49-60.
- A-48.** Vassou D, Notas G, Hatzoglou A, Castanas E, Kampa M. Opioids increase bladder cancer cell migration via bradykinin B2 receptors. *Int J Oncol* 2011 Sep;39(3):697-707. Kampa M., Pelekanou V, Gallo D, Notas G, Troullinaki M, Pediaditakis I, Charalampopoulos I, Jacquot Y, Leclercq G, Castanas E. ER α 17p, an ER α P(295) - T(311) fragment, modifies the migration of breast cancer cells, through actin cytoskeleton rearrangements. *J Cell Biochem.* 2011, 112, 3786-96.
- A-50.** Notas G, Nifli AP, Kampa M., Pelekanou V, Theodoropoulos P, Vercauteren J, Castanas E. Quercetin is transported into cells, accumulates in nuclear structures and triggers specific gene expression in epithelial cells. *J Nutr Biochem.* 2012 Jun;23(6):656-66.
- A-51.** Notas G., Kampa M., Pelekanou V., Castanas E. Interplay of estrogen receptors and GPR30 for the regulation of early membrane-initiated transcriptional effects: A pharmacological approach. *Steroids.* 2012 Aug;77(10):943-50.
- A-52.** Alexaki VI., Pelekanou V., Notas G., Venihaki M., Kampa M., Dessirier V, Sabour-Alaoui S, Stathopoulos EN, Tsapis A, Castanas E. B-cell maturation antigen (BCMA) activation exerts specific proinflammatory effects in normal human keratinocytes and is preferentially expressed in inflammatory skin pathologies. *Endocrinology.* 2012 Feb;153(2):739-49.

- A-53.** Karakosta P., Chatzi L., Baggeris M., Daraki V., Alegakis D., Castanas E., Kogevinas M., and **Kampa M.** First and second trimester reference intervals for thyroid hormones during pregnancy in “Rhea” mother-child cohort, Crete, Greece, J Thyroid Res. 2011;2011:490783.
- A-54.** Pelekanou V., Notas G., **Kampa M.**, Tsenteliero E, Radojicic J, Leclercq G, Castanas E, Stathopoulos EN. ER α 36, a new variant of the ER α is expressed in triple negative breast carcinomas and has a specific transcriptomic signature in breast cancer cell lines. Steroids. 2012 Aug;77(10):928-34.
- A-55.** **Kampa M.**, Notas G, Pelekanou V, Troullinaki M, Andrianaki M, Azariadis K, Kampouri E, Lavrentaki K, Castanas E Early membrane initiated transcriptional effects of estrogens in breast cancer cells: First pharmacological evidence for a novel membrane estrogen receptor element (ERx). Steroids. 2012 Aug;77(10):959-67.
- A-56.** Byrne C., Khemtémourian, L., Pelekanou V., **Kampa M.**, Leclercq, G., Sagan S., Castanas E., Burlina F., Jacquot Y. ER α 17p, a peptide reproducing the *hinge* region of the estrogen receptor α associates to biological membranes: A Biophysical approach. Steroids. 2012 Aug;77(10):979-87.
- A-57.** Alexaki V.I., Simantiraki D., Panayiotopoulou M., Rasouli O., Venihaki M., Castana O., Alexakis D., **Kampa M.**, Stathopoulos E.N., Castanas E. Adipose tissue-derived mesenchymal cells support skin re-epithelialization through secretion of KGF-1 and PDGF-BB: comparison with dermal fibroblasts. Cell Transplant. 2012 Apr 10.
- A-58.** **Kampa M.**, Castanas E. The Seventh International Meeting on Rapid Responses to Steroid Hormones, RRSB 2011. Editorial Steroids. 2012 Aug;77(10):891.
- A-59.** Karakosta P., Georgiou V., Fthenou E., Margioris A., Castanas E., Kogevinas M., **Kampa M.**, Chatzi L. Gender-specific reference intervals for cord blood leptin in Crete, Greece. Eur J Pediatr. 2012 Aug 2.
- A-60.** Dimitriadis E., Daskalakis M., **Kampa M.**, Peppe A., Papadakis J., Melissas J. Alterations in gut hormones following laparoscopic sleeve gastrectomy Ann Surg. 2012 Oct 26. [Epub ahead of print].
- A-61.** Notas G., Alexaki V.I., **Kampa M.**, Pelekanou V., Charalampopoulos I., Sabour-Alaoui S., Padiaditakis I., Dessirier V., Gravanis A., Stathopoulos E.N., Tsapis A., Castanas E. APRIL binding to BCMA activates a JNK2-FOXO3-GADD45 pathway and induces a G2/M cell growth arrest in liver cells. J Immunol. 2012 Nov 15;189(10):4748-58.

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Chapters in books

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B. CONFERENCE PARTICIPATIONS (oral or poster)

International conferences (13 invited /82)

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- B-5.** Hatzoglou A. Bakogeorgou E., **Kampa M.**, Ouafik L'H., Thermos K., Castanas E. Interaction of opioid alkaloids and peptides with opioid receptors. 23th meeting of the French Neuroendocrine Society, Marseilles, 1997.
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- B-17. Kampa M.** Papakonstanti E.A., Stathopoulos E., Hatzoglou A., Stournaras C., Castanas E. Membrane testosterone receptors in prostate cancer: identification, signalling diagnostic and prognostic relevance. 3rd International Meeting for Rapid Responses to Steroid Hormones, Florence Italy, 2003.
- B-18.** Dimitriou H., **Kampa M.**, Notas G., Kouroumalis E., Castanas E., Kalmanti M. Opioids induce a reversible inhibition of haemopoietic progenitor cell growth. 30th Annual Meeting of the European Group for Blood and Marrow Transplantation, Barcelona, Spain, 2004.
- B-19.** Notas G., **Kampa M.**, Kolios G., Mastrodimou N., Vasilaki A., Xidakis C., Thermos K., Castanas E., Kouroumalis E. Opioids bind to Somatostatin Receptors on HepG2 Hepatocellular Carcinoma Cells and Inhibit Cellular Proliferation via a Protein Tyrosine Phosphatases dependent pathway. UEGW Prague Czech Republic, 2004.
- B-20.** Notas G., **Kampa M.**, Nifli A.P., Hatzoglou A., Vercauteren J., Kouroumalis E., and Castanas E. Wine polyphenols exert an antiproliferative effect on HepG2 human hepatocyte-derived carcinoma cell line, possibly mediated by nitric oxide. UEGW Prague, Czech Republic, 2004.
- B-21.** Nifli A.P., Roussakis E., **Kampa M.**, Alexaki V.I., Theodoropoulos P. A., Castanas E.. Quercetin internalization in breast and hepatocellular cancer cells. Meeting of European Society for Clinical Investigation, Athens, 2005.
- B-22.** Alexaki V.I., Charalampopoulos I., **Kampa M.**, Nifli A.P., Hatzoglou A., Gravanis A., Castanas E. Estrogens act as neuroprotectants in PC12 cells. Meeting of European Society for Clinical Investigation, Athens, Greece, 6-9 April 2005.
- B-23. Kampa M.**, Nifli A.P., Notas G., Alexaki V.I., Charalampopoulos I., Gravanis A., Castanas E.. Antioxidant polyphenols and phenolic acids decrease cancer cell growth through multiple cellular mechanisms. Meeting of European Society for Clinical Investigation, Athens, Greece, 6-9 April 2005.
- B-24.** Nifli A.P., Roussakis E., **Kampa M.**, Alexaki V.I., Theodoropoulos P. A., Castanas E. Quercetin internalization in breast and hepatocellular cancer cells. Meeting of European Society for Clinical Investigation, Athens, Greece 6-9 April 2005.

- B-25.** Nifli AP., Bosson-Kouamé A., Papadopoulou N., Kogia C., **Kampa M.**, Castagnino C., Stournaras C., Vercauteren J., Castanas E. Monomeric and dimeric flavanols induce actin reorganization through androgen membrane binding sites. EMBO Molecular Medicine Conference: Common Molecular Mechanisms of Mammary Gland Development and Breast Cancer Progression, Dublin, Ireland, 6-8 June, 2006.
- B-26.** **Kampa M.**, Rasouli O., Mitropoulos C., Tsagaraki E., Tsatsanis C., Glinou K., Tsaousis V., Margioris A., Castanas E., Gravanis A. A simple and fast method for genotyping drug metabolizing enzymes CYP2D6 and CYP2C19. 31st FEBS Congress, Istanbul Turkey, 24-29 June 2006.
- B-27.** **Kampa M.**, Castanas E. Health Effects of Air pollution. 4th International Workshop on Biomonitoring of atmospheric pollution. Agios Nikolaos, Crete, 17-22 September, 2006. (**Invited talk.**)
- B-28.** Mitropoulos C., **Kampa M.**, Rasouli O., Kolios G., Seferiadis C., Castanas E., Gravanis A. A fast molecular technique for the detection of polymorphisms on genes encoding drug metabolizing enzymes. Biologie Prospective Santorini Conferences From Human Genetic Variation to Prediction of Risks and Responses to Drugs and the Environment, Santorini, Greece, 29 September-2 october 2006.
- B-29.** Pelekanou V., **Kampa M.**, Castanas E. Potentiation of erythropoietin action by membrane steroid receptor agonists. Primary therapy of early breast cancer: 10th International Conference, St. Gallen Switzerland, 14-17 March 2007.
- B-30.** Pelekanou V., **Kampa M.**, Kafousi M., Dambaki K., Darivianaki K., Vrekousis T., Sanidas E., Tsiftsis D., Stathopoulos E., Castanas E. Erythropoietin (EPO) and its receptors (EPOR) detection in human breast cancer specimens: correlation with steroid receptors (membrane, intracellular) and other biological and clinical indices. Primary therapy of early breast cancer: 10th International Conference, St. Gallen Switzerland, 14-17 March 2007.
- B-31.** **Kampa M.**, Pelekanou V., Vassou D., Castanas E. Erythropoietin inhibits the action of androgens via membrane binding sites in T47D breast cancer cells. 5th International Meeting for Rapid Responses to Steroid Hormones, Dublin Ireland, 2-5 September, 2007.

- B-32. Kampa M.** Castanas E. Membrane estrogen and androgen signaling in breast and prostate cancer. 5th International Meeting for Rapid Responses to Steroid Hormones, Dublin Ireland, 2-5 September, 2007, **(Invited talk)**.
- B-33. Kampa M.** Castanas E. Membrane steroid receptors as new therapeutic targets in prostate cancer. Molecular Targets for Cancer Diagnosis, Prevention and Treatment. Lemesos, Cyprus, October 7-10, 2007, **(Invited talk)**.
- B-34.** Pelekanou V., **Kampa M.**, Kafousi M., Sanidas E., Tsiftsis D. D., Stathopoulos E.N., Kyriakou K., Tsapis A., Castanas E. Erythropoietin and TNF-family members in breast cancer. Molecular Targets for Cancer Prevention, Diagnosis and Treatment. 7th-10th October 2007.
- B-35. Kampa M.** Alexaki V.I., Pelekanou V. E. Castanas. Steroid hormones and erythropoietin interaction in skin pathophysiology and wound healing. 3o Hellenic Congress of Wound Healing and Ulcers, Athens, 15-17 Μαπρίου, 2007.
- B-36. Kampa M.** Pelekanou V., Vassou D., Castanas E. Membrane initiated androgen actions in breast cancer cells are inhibited by erythropoietin. 33rd Congress of FEBS Athens 28June-3 July 2008.
- B-37. Kampa M.** Pelekanou V., Vassou D., Castanas E. Erythropoietin and steroid membrane initiated actions interact in breast cancer cells leading to enhanced cell survival. 20th Meeting of EACR Lyon, France, 5-8 July 2008.
- B-38.** Pelekanou V., **Kampa M.**, Darivianaki K., Stathopoulos E., Tsapis A., Castanas E. Regulation of TNF family members by erythropoietin in breast cancer cells leading to enhanced cell survival. 20th Meeting of EACR Lyon, France, 5-8 July 2008.
- B-39. Kampa M.** Pelekanou V., Castanas E. Deciphering the molecular mechanisms of olive oil effects in cancer. 6th Euro Fed Lipid Congress, Athens, 7-10 September 2008.
- B-40. Kampa M.** Pelekanou V., Notas G., Castanas E. Membrane steroid receptors as potential diagnostic and therapeutic targets in breast and prostate cancer. 8th International conference of Anticancer Research, October 17-22, 2008, Kos, Greece.
- B-41.** Notas G., Nifli A.P., **Kampa M.**, Pelekanou V., Vercauteren J., Castanas E. Transcriptome analysis of quercetin effect in hepatocellular cancer cells. EASL, Copenhagen, Denmark, April 22-26, 2009.

- B-42. Kampa M.**, Pelekanou V., Castanas E. Estrogen and testosterone membrane receptor signalling in prostate and breast cancer cells. 13th World Congress on Human Reproduction. Venice, Italy, 5th-8th March 2009.
- B-43.** Kapitan J., **Kampa M.**, Gallo D., Nicaise M., Castanas E., Desmadril M., Leclercq G., Baron L.D., Jacquot Y. Identification in the human estrogen receptor α of a proline II region: Structure and activity study. Drug Discovery and Selection International Conference on Medicinal Chemistry 45th rencontres internationales de chimie thérapeutique Orléans, France 1-3 July 2009.
- B-44. Kampa M.**, Pelekanou V., Gallo D., Notas G., Jacquot Y., Castanas E., Leclercq G. ERA17p, a peptide corresponding to the regulatory platform P295-T311 of ER- α : role in actin cytoskeleton and migration. 6th International Meeting for Rapid Responses to Steroid Hormones, Elche Alicante Spain, 2-5 September, 2009.
- B-45.** Pelekanou V., **Kampa M.**, Gallo D., Notas G., Jacquot Y., Castanas E., Leclercq G. ERA17p, a peptide corresponding to the regulatory platform P295-T311 of ER- α : role in apoptosis. 6th International Meeting for Rapid Responses to Steroid Hormones, Elche Alicante Spain, 2-5 September, 2009.
- B-46.** Alexaki V.-I., Pelekanou V., Panayiotopoulou M., **Kampa M.**, Petraki P., Stathopoulos E. N., Tsapis A., Castanas E.. Expression of the TNF-Superfamily members BAFF, APRIL, TWEAK, and their receptors in human normal and pathological skin. 18th European Academy of Dermatology and Venereology (EADV) Congress Berlin 7 - 11 October 2009.
- B-47. Kampa M.**, Pelekanou V., Notas G., Sanidas E., Alexaki V. I., Castanas E. Membrane-acting androgens specifically modify early gene transcription in breast cancer cells. 14th world congress of Gynecological Endocrinology Florence, Italy 4-7 March, 2010, **(Invited talk)**.
- B-48.** Pelekanou V., **Kampa M.**, Gallo D., Notas G., Jacquot Y, Castanas E., Leclercq G. ER α 17p, a peptide corresponding to the regulatory platform P295-T311 of ER α : role in actin cytoskeleton, migration and apoptosis. 14th world congress of Gynecological Endocrinology Florence, Italy 4-7 March, 2010.
- B-49.** Pelekanou V., Laios I., **Kampa M.**, Castanas E., Leclercq G. and Larsimont D. hER α 36, a new variant of ER α : Expression and potential biological relevance in breast cancer. 2nd Belgian Week of Pathology, Ghent, 21-23 April 2010.

- B-50.** Pelekanou V., Gallo D., Laios I., Kampa, M., Castanas E. Stathopoulos E.N., Leclercq G., Larsimont D. hER α 36 a novel ER α variant: Expression profiling and potential biological relevance in breast cancer. 12th Panhellenic Congress of Pathology, Thessaloniki, Greece 16-19 June 2010.
- B-51.** Pelekanou V., Notas G., Theodoropoulou K., Kampa M., Takos D., Alexaki V.I., Radojicic J., Sofras F., Tsapis A., Stathopoulos E.N., Castanas E. Detection of the TNFSF Members BAFF, APRIL, TWEAK and their Receptors in Normal Kidney and Renal Cell Carcinomas: Correlation with Clinical and Histological Development of the Disease. 6th Joint Meeting of the British Division on the International Academy of Pathology and the Pathological Society of the Great Britain and Ireland. Ghent, 10-13 May, 2011.
- B-52.** Pelekanou V., Kampa M., Byrne C., Gallo D., Stathopoulos E.N., Leclercq G., Castanas E., Jacquot Y. The 295-311 sequence of the estrogen receptor: a key region for the control of breast tumors. FPGG Spring Symposium, Paris, France, 16-18 May 2011.
- B-53.** Kampa M., Notas G., Alexaki V. I, Castanas E. Olive oil and wine microconstituents as breast and prostate cancer modulators ESCI 2011: 45th Annual Scientific Meeting of the European Society for Clinical Investigation, Crete-Greece, 13-16 April 2011, (Invited talk).
- B-54.** Kampa M., Pelekanou V., Notas G., Troullinaki M., Castanas E. Extranuclear steroid actions in the breast: diagnostic and clinical perspectives. 9th Congress of the European Society of Gynecology, Copenhagen, Denmark, September 8-11, 2011.
- B-55.** Kampa M., Notas G., Troullinaki M., Pelekanou V., Alexaki V. I., Castanas E. Transcriptional signature of membrane acting steroids. Rapid Responses to Steroid Hormones, 7th International Meeting, 14-17 September, Crete, Greece.
- B-56.** Troullinaki M., Pelekanou V., Notas G., Leclercq G., Castanas E., Jaquot Y., Kampa M. Peptides from ER α degradation can affect breast cancer cell migration 7th International Meeting for Rapid Responses to Steroid Hormones, Axos, Crete, Greece, 14-17 September, 2011.
- B-57.** Kampa M., Notas G., Troullinaki M., Pelekanou V., Alexaki V. I, Castanas E. Transcriptional signature of membrane acting steroids in breast cancer. 7th International Meeting for Rapid Responses to Steroid Hormones, Axos, Crete, Greece, 14-17 September, 2011, (Invited talk).

- B-58.** Notas G., **Kampa M.**, Pelekanou V., Castanas E. GPER1 (GPR30) exerts its early transcriptional effects in breast cancer cells through an ER-dependent and ER-independent manner. 7th International Meeting for Rapid Responses to Steroid Hormones, Axos, Crete, Greece, 14-17 September, 2011.
- B-59.** Troullinaki M., Pelekanou V., Notas G., Leclercq G., Castanas E., Jacquot Y., **Kampa M.** Peptides from ER α degradation can affect breast cancer cell migration. 7th International Meeting for Rapid Responses to Steroid Hormones, Axos, Crete, Greece, 14-17 September, 2011.
- B-60.** Andrianaki M., Azariadis K., Kampouri E. Pelekanou V., Notas G., **Kampa M.**, Stathopoulos E.N., Tsapis A., Castanas E. Membrane acting testosterone interplay with the TNF superfamily members BAFF and APRIL in breast cancer cells. 7th International Meeting for Rapid Responses to Steroid Hormones, Axos, Crete, Greece, 14-17 September, 2011.
- B-61.** Pelekanou V., Notas G., **Kampa M.**, Tsenteliero E., Leclercq G., Castanas E., Stathopoulos E.N. ER α 36, a new variant of ER α : expression in breast cancer cell lines and triple negative breast carcinomas. 7th International Meeting for Rapid Responses to Steroid Hormones, Axos, Crete, Greece, 14-17 September, 2011.
- B-62.** Chatzinikolaïdou M., Alexaki V.I., **Kampa M.**, Castanas E. Testosterone induces osteogenic differentiation of low passage pre-osteoblasts through activation of membrane binding sites. 7th International Meeting for Rapid Responses to Steroid Hormones, Axos, Crete, Greece, 14-17 September, 2011.
- B-63.** Pelekanou V., Alexaki V.I., Notas G., **Kampa M.**, Stathopoulos E.N., Tsapis A., Castanas E. The TNF-superfamily members APRIL and BAFF and their receptors (BAFFR, BCMA, TACI) are differentially expressed in tumors and normal tissues and exert specific effects related to cell fate and differentiation. 24th European Congress of Pathology 2012, European Society of Pathology, Prague, 8-12 September 2012 (Bursary Awarded)
- B-64.** **Kampa M.**, Notas G., Troullinaki M., Pelekanou V., Castanas E. Membrane initiated estrogen actions on the cytoskeleton IUPS Birmingham, UK, 21-26 July 2013.(Invited talk)
- B-65.** **Kampa M.**, Pelekanou V., Notas G., Stathopoulos E.N., Vercauteren J. Castanas E., Novel oligomeric proanthocyanidin derivatives can induce regression of hormone-independent prostate cancer via activation of membrane androgen binding sites.

Endocrine Aspects in Andrology Heraklion, Crete, Greece 13-15 March 2015. (**Invited talk**)

- B-66.** Azriadis K., Kampa M., Kiagiadaki F., Alexakis, K., Pelekanou V., Castanas E., Notas G., Androgen induce promoter-induced CXCL12 expression in T47D cells through different mechanisms. Endocrine Aspects in Andrology Heraklion, Crete, Greece 13-15 March 2015.
- B-67.** Notas G., Pelekanou V., Kampa M., Tsapis A., Castanas E. The TNF-superfamily members APRIL and BAFF and their receptors (BAFFR, BCMA, TACI) as a paradigm of tissue-specific proliferation control agents. 3rd Alcohol and cancer conference May 29-June 2, 2015, Hersonissos, Crete Greece.
- B-68.** Manolopoulou E., Kargaki S., Peroulis N., Androutsopoulos V., Notas G., Castanas E., Kampa M., Stephanou E. and Spyros A. Analysis of plant extracts and their metabolic effect using NMR spectroscopy and tandem LC-MS biofluid profiling. XII Greece-Cyprus Chemistry Conference, 8-10 May 2015, Thessaloniki, Greece.
- B-69.** Gebhart V., Caldwell J.D., Kampa M., Jirikowski G.F. Estrogen mediates the neuronal differentiation in NGF-differentiated PC12 cells. 111th Meeting of the Anatomical Society Goettingen, Germany, 21-24 September 2016.
- B-70.** Pelekanou V., Kalyvianaki K., Alexaki V.I., Notas G., Kampa M., Stathopoulos E.N., Tsapis A., Castanas E. "Differential Expression and Function of the TNF-Superfamily Members APRIL and BAFF and their Receptors (BAFFR, BCMA, TACI) in Epithelial Tumors" Frontiers in Immunology Research, 10th International Conference, 1-4 July 2017, Chania, Crete, Greece.
- B-71.** Kiagiadaki F., Kalyvianaki K., Kampa M., Castanas E., Kouroumalis E., Notas G. Activin-A induces Hepatic stellate cell activation via the induction of TNF α και TGF β in Kupffer cells. Frontiers in Immunology Research, 10th International Conference, 1-4 July 2017, Chania, Crete, Greece.
- B-72.** Kalyvianaki K., Gebhart V., Aivaliotis M., Malamos P., Papachristofi C., Moustou E., Tzardi M., Notas G, Castanas E., Kampa M. Lipids meet steroids: The eicosanoid receptor OXER1 mediates extranuclear androgen actions. Chemical Biology of Disease Conference, Heraklion, Greece, 15-18 September 2017 (**Invited talk**).
- B-73.** Kampa M., Kalyvianaki K., Gebhart V., Aivaliotis M., Malamos P., Papachristofi C., Moustou E., Tzardi M., Notas G, Castanas E. Membrane-acting androgens and the role of eicosanoid receptor OXER1 in prostate cancer. International Meeting for Rapid

Responses to Steroid Hormones (20th Anniversary RRSB Meeting), Dublin, Crete, Ireland 4-6 September, 2018. (**Invited talk**)

- B-74.** Panagiotopoulos A., Papachristofi C., Kalyvianaki K., Malamos P., Theodoropoulos P., Notas G, Calogeropoulou C., Castanas E., **Kampa M.** A simple open-source bio-informatic methodology for initial exploration of GPCR ligands' agonistic/antagonistic properties. EFMC-ISMIC & EFMC-YMCS Virtual Poster Session, 09 September 2020.
- B-75.** Panagiotopoulos A., Papachristofi C., Kalyvianaki K., Malamos P., Theodoropoulos P., Notas G, Calogeropoulou C., Castanas E., **Kampa M.** Testosterone and natural polyphenols are antagonists of OXER1- an in silico and in vitro approach. The Steroid Hormones and Receptors in Health and Disease, USA 25-27 May 2021.
- B-76.** Panagiotopoulos A., Papachristofi C., Kalyvianaki K., Malamos P., Theodoropoulos P., Notas G, Calogeropoulou C., Castanas E., **Kampa M.** A simple open-source bio-informatic methodology for initial exploration of GPCR ligands' agonistic/antagonistic properties. EFMC-ISMIC & EFMC-YMCS Virtual Poster Session, 09 September 2020
- B-77.** Panagiotopoulos A., Papachristofi C., Kalyvianaki K., Malamos P., Theodoropoulos P., Notas G, Calogeropoulou C., Castanas E., **Kampa M.** Testosterone and natural polyphenols are antagonists of OXER1-An in silico and in vitro approach. International Conference on The Steroid Hormones and Receptors in Health and Disease', Jointly hosted by FASEB and the International Committee on Rapid Responses to Steroid Hormones (RRSH), 25-27 May 2021.
- B-78.** Kalyvianaki K., Panagiotopoulos A., Drosou I., Notas G., Castanas E., **Kampa M.** The role of androgen receptors in breast cancer- OXER1 a new player in androgen actions. Conference on Rapid Responses to Steroid Hormones (RRSH), Paris, France, September 20th -23th 2022. (**Invited talk**)
- B-79.** Panagiotopoulos A., Kalyvianaki K., Konstantinou E., Notas G, Castanas E., **Kampa M.** The role of the membrane androgen receptor OXER1 in androgen induced calcium changes Conference on Rapid Responses to Steroid Hormones (RRSH), Paris, France, September 20th -23th 2022.
- B-80.** Kalyvianaki K., Katsoulis E., Boukla E., Notas G., Castanas E., **Kampa M.** OXER1 - A novel membrane receptor linking steroid/lipid interactions and inflammation. Conference on Rapid Responses to Steroid Hormones (RRSH), Paris, France, September 20th -23th 2022.
- B-81.** Panagiotopoulos A., Kalyvianaki K., Konstantinou E., Pirintsos S. A. Notas G, Castanas E., **Kampa M.** Identification of specific antagonists for the membrane

receptor of androgens, OXER1. EFMC International Symposium on Chemical Biology (EFMC-ISCB 2023), Basel (Switzerland), 16 – 18 November, 2023.

National Conferences (6 invited/55)

- B-82. Kampa M.**, Hatzoglou A., Thermos K., Castanas E. Direct interaction of opioids with $\alpha 1$ adrenergic receptors in the human prostate cancer cell line LNCaP. Action on cell proliferation. 51st Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Athens 1999.
- B-83. Kampa M.**, Notas G., Hatzoglou A., Bakogeorgou E., Damianaki A., Kouroumalis E., Castanas E. Opioids inhibit Nitric Oxide Synthase in T47D human breast cancer cells. 52nd Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Thessaloniki, 2000.
- B-84.** Alexaki V-I., Charalampopoulos I., **Kampa M.**, Vassalou H., Hatzoglou A., Theodoropoulos P., Gravanis A., Castanas E. Detection of membrane and classical intracellular estrogen receptors in pheochromocytoma PC12 cells. 55th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Athens, 13-15 November, 2003.
- B-85.** Kogia C., **Kampa M.**, Dambaki K., Anezinis P., Stathopoulos EN., Castanas E. Membrane testosterone receptors in prostate cancer: a multiple target detector. 17th Panhellenic Conference of Urology, Alexandroupolis, 2004.
- B-86. Kampa M.**, Kogia C., Hatzoglou A., Charalampopoulos I. Theodoropoulos P., Anezinis P., Dambaki K., Stathopoulos EN., Castanas E. Activation of membrane androgen binding sites inhibits prostate cancer cell proliferation in vitro and in vivo. 17th Panhellenic Conference of Urology, Alexandroupolis, 2004.
- B-87.** Alexaki V.-I., Charalampopoulos I., **Kampa M.**, Nifli A-P., Hatzoglou A., Gravanis A., Castanas E. Estrogens act as neuroprotectants mobilizing multiple pro-survival kinase pathways. 56th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology Larisa, 13-15 November, 2004,
- B-88.** Nifli A-P., **Kampa M.**, Notas G., Alexaki V.I., Vercauteren J., Hatzoglou A., Castanas E. The NO/NOS system mediates the antiproliferative effect of wine polyphenols in different cell lines. 56th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Larisa, 13-15 November 2004.

- B-89.** Notas G., Kolios G., Kampa M., Mastrodimou N., Vasilaki A., Xidakis C., Thermos K., Castanas E., Kouroumalis E. Opioids bind to somatostatin receptors in HepG2 cells and inhibit their proliferation via tyrosine phosphatases. 24th Hellenic Conference of Gastroenterology, Athens, 6-9 November 2004.
- B-90.** Notas G., Maliarakh N. Dimoulis F., Kampa M., Mastrodimou N., Vasilaki A., Xidakis C., Thermos K., Castanas E., Kouroumalis E. Patients with primary biliary cirrhosis show increased serum antioxidant capacity. 24th Hellenic Conference of Gastroenterology, Athens, 6-9 November 2004.
- B-91.** Notas G., Kampa M., Nifli A-P., Hatzoglou A., Vercauteren J., Castanas E., Mastrodimou N., Vasilaki A., Xidakis C., Thermos K., Castanas E., Kouroumalis E. Wine polyphenols inhibit HepG2 cell growth. The role of nitric oxide. 24th Hellenic Conference of Gastroenterology, Athens, 6-9 November 2004.
- B-92.** Kampa M., Charalampopoulos I., Kogia C. Alexaki V.I., Nifli A.P., Anezinis P., Theodoropoulos PA., Stathopoulos EN., Hatzoglou A., Stournaras C., Gravanis A., Castanas E. Testosterone potentiates the antiproliferative effect of Taxol[®] on prostate cancer cells via membrane binding sites, both *in vitro* and *in vivo*. 57th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Athens, 9-11 December 2005.
- B-93.** Nifli AP., Bosson-Kouamé A., Papadopoulou N., Kogia C., Kampa M., Castagnino C., Stournaras C., Vercauteren J., Castanas E. Monomeric and dimeric flavanols induce actin reorganization through androgen membrane binding sites, 57th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Athens, 9-11 December 2005.
- B-94.** Alexaki VI., Kampa M., Charalampopoulos I., Nifli AP., Gravanis A., Castanas E. Opposing effects of steroid hormones via intracellular and membrane binding sites on the proliferation and apoptosis of HaCaT human keratinocytes, 57th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Athens, 9-11 December 2005.
- B-95.** Alexaki V.I., Charalampopoulos I., Kampa M., Nifli AP., Gravanis A., Castanas E. Steroids/Neurosteroids and Wound Healing : New biological approaches. 2nd Panhellenic Conference of Wound Healing and Chronic Ulcers, Athens 23-25 September 2005.

- B-96.** Daskalaki E., Kostas T., Malliaraki N., Ioannou C. **Kampa M.**, Beligrantakis M., Castanas E., Katsamouris A. Oxidative stress as a marker for the evaluation of ischaemia in patients with Peripheral Arterial Occlusive Disease. PanHellenic Conference of Vascular Surgery Athens 20-22 January 2006.
- B-97.** **Kampa M.**, Nifli A.P., Charalampopoulos I., Alexaki V.I., Gravanis A., Castanas E. Testosterone and estradiol exert opposing membrane- mediated effects on T47D breast cancer cell apoptosis. 58th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Patras, 9-11 November 2006.
- B-98.** **Kampa M.**, Stathopoulos EN., Castanas E. Membrane steroid receptors and neoplasms. 10th Panhellenic Congress of Pathology, Greek Society of Pathology, 23-24 May 2006.
- B-99.** Pelekanou V., **Kampa M.**, Castanas E. The role of steroid hormones and erythropoietin in the pathophysiology of the skin and wound healing. 3rd Panhellenic Conference of Wound Healing and Chronic Ulcers, Athens 15-17 March 2007.
- B-100.** **Kampa M.**, Alexaki VI., Pelekanou V., Castanas E. Steroid hormone and erythropoietin interactions in the pathophysiology of the skin and wound healing. 3rd Panhellenic Conference of Wound Healing and Chronic Ulcers, Athens 15-17 March 2007.
- B-101.** **Kampa M.**, Pelekanou V., Vassou D., Castanas E. Erythropoietin inhibits the action of androgens via membrane binding sites in T47D breast cancer cells. 59th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Athens, 7-9 December 2007.
- B-102.** Vassou D., **Kampa M.**, Hatzoglou A., Castanas E. A novel interaction between opioids and bradykinin B2 receptor promotes migration of T24 cells. 59th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Athens, 7-9 December 2007.
- B-103.** **Kampa M.**, Pelekanou V., Gallo D., Notas G., Jacquot Y., Castanas E., Leclercq G. ER α 17p, a peptide corresponding to the regulatory platform p295-t311 of ER- α : role in actin cytoskeleton, migration and apoptosis, 60th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Athens, 20-22 November 2009 (Invited talk).
- B-104.** Alexaki V.I., Notas G., Panagiotopoulou M., Pelekanou V., **Kampa M.**, Petraki P., Stathopoulos E.N., Tsapis A., Castanas E. Expression of TNF Superfamily members

BAFF, APRIL, TWEAK and their receptors in human normal and pathological skin. 60th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Athens, 20-22 November 2009.

- B-105.** Pelekanou V., Notas G., **Kampa M.**, Tsenteliero E., Radojicic J., Lavrentaki K., Anastasiou E., Leclercq G., Castanas E., Stathopoulos E.N. ER α 36, an alternative ER α variant is expressed in triple negative carcinomas and displays specific transcriptional signature. 13th Panhellenic Congress of Pathology, Greek Society of Pathology, 13-16 June 2012, Kalamata, Greece.
- B-106.** **Kampa M.**, Notas G., Pelekanou V., Troullinaki M., Lavrentaki K., Stathopoulos E.N., Castanas E. Transcriptional signature and signaling of membrane acting estrogens in breast cancer. 63rd Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Crete, 9-11, November 2012 (**Invited talk**).
- B-107.** Pelekanou V., Notas G., Alexaki V.-I. , **Kampa M.**, Lavrentaki K., Stathopoulos E.N., Tsapis A., Castanas E. Differential expression of the TNF-superfamily members APRIL and BAFF and their receptors (BAFFR, BCMA, TACI) in normal and tumoral tissues is linked to specific effects. 63rd Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Crete, 9-11, November 2012.
- B-108.** Notas G., Alexaki V.I., **Kampa M.**, Pelekanou V., Charalampopoulos I., Sabour-Alaoui S., Padiaditakis I., Dessirier V., Gravanis A., Stathopoulos E.N., Tsapis A., Castanas E. APRIL binding to BCMA activates a JNK2-FOXO3-GADD45 pathway and induces a G2/M cell growth arrest in liver cells. 63rd Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Crete, 9-11, November 2012.
- B-109.** Deli A., Pelekanou V., **Kampa M.**, Kiagiadaki F., Stathopoulos E.N., Castanas E., Notas G. ER α 36 inhibits LPS induced IL-6 production in monocytes via inhibition of NF κ B activation in a GPR30 dependent manner. 63rd Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Crete, 9-11, November 2012.
- B-110.** Deli A., Pelekanou V., **Kampa M.**, Kiagiadaki F., Theodoropoulos P., Agrogiannis E., Patsouris E., Tsapis A., Castanas E., Notas G. Estrogen anti-inflammatory activity on human monocytes is mediated through estrogen receptor ER α 36. 65th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Thessaloniki, 28-30 November 2014.
- B-111.** Notas G., Pelekanou V., **Kampa M.**, Alexakis K., Sfakianakis S., Laliotis A., Askoxilakis J., Tsenteliero E., Tzardi M., Tsapis A., Castanas E. Tamoxifen induces

a pluripotency signature in breast cancer cells and human tumors. 65th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Thessaloniki, 28-30 November 2014.

- B-112.** Peroulis N., Androutsopoulos V., Notas G., Spyros A., Manolopoulou E., Kargaki S., Tzardi M., Stefanou E., Maliaraki N., Castanas E., **Kampa M.** Total polyphenol fraction from olive mills waste waters (OMWW) has a beneficial effect in high fat diet induced metabolic changes in rats. 65th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Thessaloniki, 28-30 November 2014.
- B-113.** Chalkiadaki G., Dermitzaki E., Feida D., Roumeliotaki T., Radim S., Vafeiadi M., Venihaki M., Tsatsanis C., **Kampa M.**, Margioris A., Castanas E., Chatzi L. The Relation of inflammation markers with the frequency of micronucleus formation in pre-school children (Mother and child Study in Crete, REAplus Study).
- B-114.** Dermitzaki E., Chalkiadaki G., Vafeiadi M., Roumeliotaki T., **Kampa M.**, Venihaki M., Tsatsanis C., Margioris A., Chatzi L. The relation of childhood obesity markers with metabolic inflammation and hyperlipidemia (REA Study). 13th Panhellenic conference of Clinical chemistry, Heraklion, Crete, Greece, 29-31 October 2015.
- B-115.** Moraitaki E., Kolivaki S., Malliaraki N., Katrinaki M., Farsaraki E., Athousaki-Neonaki F., Notas G., **Kampa M.**, Castanas E. Comparison of Nephelometry and Turbidimetry for the detection of commonly measured proteins. 13th Panhellenic conference of Clinical chemistry, Heraklion, Crete, Greece, 29-31 October 2015.
- B-116.** Kiagiadaki F., **Kampa M.**, Castanas E., Kouroumalis E., Notas G. Study of the expression of opioid receptors in liver cells and their mechanism of action in fibrosis. 13th Panhellenic conference of Clinical chemistry, Heraklion, Crete, Greece, 29-31 October 2015.
- B-117.** Kiagiadaki F., **Kampa M.**, Castanas E., Kouroumalis E., Notas G. Study of the expression and action of activating A and its receptors in liver. 13th Panhellenic conference of Clinical chemistry, Heraklion, Crete, Greece, 29-31 October 2015.

- B-118.** Pelekanou V., Athanassouli V., Alexakis K., Kiagiadaki F., Kampouri E., Tsapis A., Notas G., Castanas E., **Kampa M.** TNF superfamily members APRIL and BAFF increase breast cancer cell stemness. 66th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Athens, 11-13 December 2015.
- B-119.** Kalyvianaki K., Pelekanou V., Notas G., Papachristofi C., Malamos P., Stathopoulos E.N., Castanas E., **Kampa M.** ERa36, a new variant of the ERa is expressed in triple negative breast carcinomas and has a specific transcriptomic signature in breast cancer cell lines. 44th Panhellenic Conference of Endocrinology, Metabolism and Diabetes, Athens, 26-29 April 2017.
- B-120.** Malamos P., Kalyvianaki K., Aivaliotis M., Theodoropoulos P., Polioudaki C., Papachristofi C., Notas G., Castanas M., **Kampa M.** The GPCR eicosanoid receptor OXER1 as a novel membrane androgen receptor. 68th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Athens, 10-12 November 2017.
- B-121.** Kalyvianaki K., Malamos P., Panagiotopoulos A., Moustou E., Tzardi M., Stathopoulos E.N., Notas G., Castanas E., **Kampa M.** A comparative study of the membrane androgen receptors OXER1, GPRC6A and ZIP9. 69th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Larrisa, 23-25 November 2018.
- B-122.** Malamos P., Kalyvianaki K., Polioudaki H., Theodoropoulos P., Notas G., Castanas E., **Kampa M.** Evidence for nuclear translocation of the membrane androgen receptor, OXER1 69th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Larrisa, 23-25 November 2018.
- B-123.** Panagiotopoulos A., Polioudaki C., Ntallis S.G., Dellis D., Notas G., Panagiotidis C.A., Theodoropoulos P., Castanas E., Theodoropoulos P., **Kampa M.** An in-silico method for the identification of nuclear localization signal of cargo proteins. 69th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Larrisa, 23-25 November 2018.
- B-124.** Castanas E., Sourvinos G., Lionis C., Pirintsos S., **Kampa M.** New perspectives for the treatment of respiratory tract viral infections. Clinical Virology Days 2019, Athens 4-6 October 2019
- B-125.** Mantaka A. Kalyvianaki K., Kastritsi O., **Kampa M.**, Koutroumbakis I. Serum apelin as a marker of endothelial dysfunction and its role in intestine inflammatory

diseases. 39th Panhellenic Conference of Gastroenterology, Alexandroupoli, 10-13 October 2019.

- B-126.** Kalyvianaki K., Koinaki S., Maliaraki N., Niniraki M., Manolopoulou E., Spyros A., Kargaki S., Moustou E., Tzardi M., Notas G, Lionis C., Castanas E., **Kampa M.** Beneficial effect of olive polyphenols on the metabolism of healthy individuals. 17th Hellenic Conference of Clinical Chemistry, Athens, 21-23 November 2019.
- B-127.** **Kampa M.** A new therapeutic target for hormone sensitive cancers: Alternative steroid receptors. Conference on Clinical and translational Oncology, Heraklion, Greece 14-17 November 2019. (**Invited talk**)
- B-128.** Panagiotopoulos A., Papachristofi C., Kalyvianaki K., Malamos P., Theodoropoulos P., Notas G, Calogeropoulou C., Castanas E., **Kampa M.** Simulation of Gα proteins binding on GPCRs may predict ligands' agonistic/antagonistic properties. 70th Annual Meeting of the Hellenic Society of Biochemistry & Molecular Biology, Athens, 29 November-1 December 2019.
- B-129.** Kalyvianaki K., **Kampa M.**, The oxoeicosanoid receptor OXER1 and its role in prostate cancer. Conference on Clinical and translational Oncology, Heraklion, Greece 12-14 November 2020. (**Invited talk**)
- B-130.** Kalyvianaki K., **Kampa M.**, The membrane lipid / androgen receptor OXER1 and its prominent role in human cancer cell migration. Conference on Clinical and translational Oncology, Heraklion, Greece 18-21 November 2021. (**Invited talk**)
- B-131.** Kalyvianaki K., Drosou I., Notas G., Castanas E., **Kampa M.** The GPCR lipid/androgen receptor OXER1 is up-regulated by its ligand 5-oxo-ETE and has a prominent place in human cancer cell migration. 71st Panhellenic Conference of the Hellenic Society of Biochemistry & Molecular Biology, (HSBMB), November 26th - 28th 2021.
- B-132.** Panagiotopoulos A., Kalyvianaki K., Konstantinou E., Notas G, Castanas E., **Kampa M.** The role of the membrane androgen receptor OXER1 in androgen induced calcium changes. 72nd Panhellenic Conference of the Hellenic Society of Biochemistry & Molecular Biology (HSBMB), Patras (Greece), 02 – 04 December, 2022.
- B-133.** Kalyvianaki K., Salampasi E., Katsoulis E., Notas G., Castanas E., **Kampa M.** Study of expression and role of the membrane/lipid receptor OXER1 in inflammation. 50th Conference of Endocrinology, Metabolism and Diabetes, Thessaloniki, Greece, May 4th -6th 2023.

- B-134.** Malamos P., Panagiotopoulos A., Kalyvianaki K., Papachristofi C., Kalyvianaki K., Vogiatzoglou A., Tsitsikalaki A., Theodoropoulos P., Panagiotidis C. Notas G, Calogeropoulou C., Castanas E., **Kampa M.** Evidence for nuclear translocation of the membrane androgen receptor, OXER1 through its interaction with karyopherins systems. 73th Panhellenic Conference of the Hellenic Society of Biochemistry & Molecular Biology, Athens (Greece), 01 – 03 December, 2023
- B-135.** Panagiotopoulos A., Konstantinou E., Kalyvianaki K., Pirintsos S. A. Notas G, Castanas E., **Kampa M.** Identification of specific antagonists for the membrane receptor of androgens, OXER1 from the ZINC natural product database 73th Panhellenic Conference of the Hellenic Society of Biochemistry & Molecular Biology, Athens (Greece), 01 – 03 December, 2023.

Additional Information

1. Conference Organization

- **7th International Meeting in Rapid Responses to Steroid Hormones (RRSH)**, that took place in Crete, 14-17 September, 2011.
(<http://steroid-rapid-responses.ucr.edu>)
- **13th Panhellenic conference of Clinical chemistry**, Heraklion, Crete, Greece, 29-31 October 2015.

2. Active member of committees involved in the administration of the School of Medicine and University of Crete

3. Head of the Department of Laboratory Medicine (2018-2019, 2023-2025), School of Medicine, University of Crete

4. Member of the Technical Council (2023- present) of the University of Crete

5. Reviewer in Scientific Journals

Guest Editor of the

- Special Issue, 2012 of the Journal *Steroids* that includes the work (after peer reviewing) presented at RRSB 2011.
- Special Issue, 2021 of the Journal *Frontiers in Endocrinology* entitled “Therapeutic perspectives in the modulation of the GPER”

Reviewer Editor in the Journals:

- Frontiers in Membrane Physiology and Biophysics,
- Hormones- International Journal of Endocrinology and Metabolism
- International Journal of Molecular Sciences, Section Molecular Endocrinology and Metabolism

Reviewer in the following Journals:

- Lancet
- Neuropeptides
- Maturitas
- The Journal of Clinical Endocrinology & Metabolism

- Steroids
- Biochemical Pharmacology
- Frontiers in Endocrinology

6. *Reviewer of Grant Proposals for*

- Hellenic Foundation of Research and Innovation (HFRI), Greece
- State Scholarships Foundation (IKY), Greece
- General Secretariat for Research and Innovation, Greece
- “La Caixa” Foundation, Spain
- National Science Center, Poland

7. *Member of the following Scientific Societies*

- EEBMB (Hellenic Society of Biochemistry & Molecular Biology)
- EACR (European Association for Cancer Research)
- FEBS (Federation of European Biochemical Societies)
- ISGE (International Society of Gynecological Endocrinology)

8. *Representative of the University of Crete at the Municipality of Heraklion (2018-)*