CURRICULUM VITAE

Galatea Kallergi



PERSONAL INFORMATION
Name: Galatea Kallergi
Nationality: Hellenic
E-mail:gkallergi@upatras.gr, kalergi@med.uoc.gr

Current position: Associate Professor of Biochemistry, Vice Chair of the Biology Department, University of Patras, Greece

EDUCATION

1999-2003 **PhD in Biochemistry**
Laboratory of Biochemistry, School of Medicine, University of Crete, Greece.
Thesis: The dynamic equilibrium of actin cytoskeleton structures in cancer biology.

1995-1997 **MSc in Cell Biology**
Laboratory of Physiology, Department of Biology, University of Crete, Greece.
Thesis: Ontogenesis of the brain: Proliferation and migration of brain cells during embryogenesis in *Coturnix japonica.*

1991-1995 **BSc in Biology**
Laboratory of Physiology, Department of Biology, University of Patras, Greece.
Thesis: Study of Thyroid hormones levels in hyperthyroid and hypothiroid rats after issuing of imidazole.

PROFESSIONAL MEMBERSHIPS

- Associate member of American Association of Cancer Research (AACR)
- Member of the European Liquid Biopsy Society (ELBS)

- Member of Hellenic Society of Biochemistry and Molecular Biology
- Member of HORG (Hellenic Oncology Research Group)

PRINCIPAL INVESTIGATOR OR Co-PI IN RESEARCH GRANTS

- **HORIZON-MSCA-SE-2024MARIE SKŁODOWSKA-CURIE ACTIONS staff exchanges (SE).*(PI AND COORDINATOR)*:** Project 101299450 — CTC4CLINIC Exploring the mechanism of metastasis/development of new tests to enroll circulating tumor cells (ctcs) into clinical practice. (796 590.00€).
- **HELLENIC NETWORK OF MOLECULAR ONCOLOGY (EDIMO) *(CoPI)*:** Applied Research for Precision Medicine through a Non-Profit Organization (NPO) under Private Law - "Hellenic Precision Medicine Network " (HPMN)» (100000)
- **ESPA 2019: RESEARCH-CREATION-INNOVATION *(PI AND COORDINATOR)*:** Development of innovative diagnostic tools for the detection and characterization of circulating tumor cells (CTCs) in patients' blood (926.595,00 €).
- **ESPA 2017: RESEARCH-CREATION-INNOVATION *(CoPI)*:** : Hyperspectral Artificial Vision-Guided Robotic Microscope (60000€).
- **International collaboration with King Saud University *(CoPI)*: :** The novel oncogene KDM2B in the epigenetic regulation of the cytoskeleton (100000€)
- **CARATHEODORI 2020 BASIC RESEARCH *(PI AND COORDINATOR)*:** Phenotypic and Functional characterization of Circulating Tumor Cells (CTCs) isolated from Triple Negative Breast cancer (TNBC) patients. (30000€)

SENIOR RESEARCHER IN NATIONAL AND INTERNATIONAL RESEARCH PROGRAMMES

1. **BRFAA: EU Research program (2/2018-11/2018)**
   A miniature Bio-photonics Companion Diagnostics platform for reliable cancer diagnosis and treatment monitoring
2. **International Clinical Trial, Astra Zeneca (2016-2017).**
   Characterization of the molecular changes leading in resistance to 3rd generation EGFR-TKIs in patients with EGFRmut NSCLC using liquid biopsy.
3. **Small Size Research program from Special Research Account University of Crete (2017-2018).**
   Evaluation of PD-1 and PD-L1 expression in CTCs isolated from patients with Non-Small Cell Lung Cancer (NSCLC).
   Liquopsy (Principle Investigator) 6/2014-10/2015 Funded by European Regional Development Fund and National Resources (General Secretariat of Research and Technology in Greece)
   In vivo capturing and molecular characterization of circulating tumor cells as a novel tool for improving tertiary prevention in breast cancer.
4. **Oncoseed (Principle Investigator) (1/3/2012-31/8/2014) (Funded by European Regional Development Fund and National Resources (General Secretariat of Research and Technology in Greece)**
   Biology of Circulating Tumour Cells, Distant Metastasis & Development of Liquid Biopsy Methods
5. **Small Size Research program from Special Research Account University of Crete (2014-2015)**.
   Effect of chemotherapy on CTCs' phenotype of triple negative (ER-, PR-, HER2-) breast cancer patients

6. **Small Size Research program from Special Research Account University of Crete (2013-2014).**
   Evaluation of Circulating Tumor Cells in Triple negative Breast cancer Patients.
7. **Small Size Research program from Special Research Account University of Crete (2012-2013).**
   Evaluation of EMT phenotype on Circulating Tumor Cells isolated from breast cancer patients.
8. **Pythagoras I: (Funded by European Regional Development Fund and National Resources (General Secretariat of Research and Technology in Greece) (03/01/2004 to 08/31/2006)**
   Actin related signal transduction pathways as a therapeutic target in cancer. **(Postdoctoral fellowship)**
9. **Pilot Study phase 1 administration of Telomerase peptide as immunotherapy in patients with chemoresistant cancer, University of Crete, Greece, (1/11/2011-30/3/2013)**
10. **Cellular mechanisms of plasticity in neurodegenerative diseases** (**Funded by European Regional Development Fund and National Resources (General Secretariat of Research and Technology in Greece**) **(1/1/1998-31/5/1998)**

SCHOLARSHIP FOR Msc and PhD THESIS

PhD Scholarship, YPER 1999: **(01/01/1999 to 12/31/2001) (Funded by European Regional Development Fund and National Resources (General Secretariat of Research and Technology in Greece)**
The dynamic equilibrium of actin cytoskeleton structures in cancer biology.

Msc Scolarships (1/12/1997-31/12/1997) and (1/2/1998-28/2/1998) from Biology Department, University of Crete.

SCIENTIFIC EXPERIENCE

11/10/2024-Today, **Associate Professor of Biochemistry,** Department of Biology, University of Patras, Patra, Greece

18/11/2019-11/10/2024: **Assistant Professor of Biochemistry**, Department of Biology, University of Patras, Patra, Greece

6/2016-11/2019 **Senior Researcher (Group Leader)** in Department of Biochemistry, School of Medicine, University of Crete, Greece
Research topic: *Identification of signal transduction pathways during metastatic procedure.*

2015: **Visitor scientist** in «The microtubule, signal transduction lab», Medicine, Division of Hematology & Medical Oncology, Weill Cornell Medical College 1300 York Avenue. (Head of the lab Prof. Paraskevi Giannakakou)

2015: **Visitor scientist** in Marlene and Stewart Greenebaum NCI Cancer Center, University of Maryland School of Medicine (Head of the lab Prof. Stuart S. Martin)

2006 –2016 **Senior Researcher** in Laboratory of Tumor Biology, School of Medicine, University of Crete, Greece.Research topic: *Identification of signal transduction pathways in circulating tumor cells in breast cancer patients.*Head of the Dep: Prof. Georgoulias Vassilis

2003 – 2006 **Postdoctoral Research Project** in Department of Biochemistry, School of Medicine, University of Crete, Greece.Title of the project: *Actin related signal transduction pathways as a therapeutic target in cancer.*Head of the Lab: Prof. Stournaras Christos

1999 – 2003 **Doctoral Research Project** in Department of Biochemistry, School of Medicine, University of Crete, Greece. Title of the project: *The dynamic equilibrium of actin cytoskeleton structures in cancer biology.*Head of the Lab: Prof. Stournaras Christos

1997-1999 **Research Project** in Laboratory of Virology, School of Medicine, University of Crete, Greece. Title of the project: *Study of PTEN onco-suppressor gene in patients with breast cancer.*Head of the Lab: Prof. Spandidos Dimitris

1995-1997 **MSc Reseach Project** in Laboratory of Physiology, Department of Biology, University of Crete, Greece. Title of the project*: Ontogenesis of the brain: Proliferation and migration of cells during embryogenesis in Coturnix japonica.*
Head of the Lab: Prof. Dermon Katerina

1996:Title of the project*: Localisation of GFAP, N2 and Neurofilament in rat retina after destruction of optical nerve and culture in regeneration conditions. Determination of structural changes with electronics microscope.*Head of the Lab: Prof. Solon Thanos

1995: **Master Rotation** in Institute of Marine Biology of Crete. Title of the project*: Quantification of NOS positive cells in the brain of red porgy (Pagrus pagrus) and sea bream (Sparus aurata).*Head of the Lab: Prof. Dermon Katerina

1995: **Master Rotation** in Laboratory of Developmental Biology, Faculty of Medicine, University of Crete, Title of the project*: Immunohistochemical determination of somatostatin in the neural tube of rat embryos,* Head of the Lab: Prof. Karagogeos Domna

1994 - 1995: **BSc Research Project** in Laboratory of Physiology, Depertment of Biology, University of Patras.Title of the project: *Study of the levels of thyroid hormones in hypothyroid and hyperthyroid rats after administration of imidazoles.*Head of the Lab: Prof. Valcana Theoni.

TEACHING EXPERIENCE

2020: Biochemistry I, II: Department of Biology, University of Patras, Greece (undergraduate)
Biology of Cancer/Biomarkers (Msc program)

2011-2017 Preceptorship in Clinical and Translational Cancer Research.

Seminar for Medical, Surgical or Radiation Oncologists, Pathologists and Basic Scientists at the Department of Medical Oncology and the Laboratory of Cancer Cell Biology, University of Crete Heraklion, Greece

2000-2011 (22 semesters) Scientific Responsible for "**Cell Biology-Morphology"** and "**Genetics"** laboratories & theory in Technological Educational Institute of Crete, Greece, Faculty of Crop Science.

2008-2013, **2016 Principles Mechanisms of Oncogenesis,** University of Crete Medical School, teaching courses on "Signaling pathways in cancer cells. Growth factors and their receptors"

1996-1997 Teaching courses of "**Physiology"** in laboratory of second cycle students in Department of Biology, University of Crete.

1998-2001 Scientific Responsible of "**Molecular Biology", "Biochemistry I, II", "Biotechnology", "Physiology" and "Technology of foods courses"** in Public Institute of professional training of Heraklion

SUPERVISION OF BSc, Msc AND PhD –THESIS

1. 2022- Today. University of Patras, Department of Biology. Scientific Supervisor of Dimitrios Papakostantinou's PhD thesis on the subject: Investigation of the molecular profile of novel biomarkers in extracellular vesicles and circulating tumor cells of lung cancer patients.

2. 2020- Today. University of Patras, Department of Biology. Scientific Supervisor of Vasilios Varda's PhD thesis on the subject: Phenotypic and functional characterization of Circulating Cancer Cells (CTCs) of breast cancer patients with emphasis on triple negative (ER-/PR-/HER2-) breast cancer

3. 2021- Today. University of Patras, Department of Biology. Scientific Supervisor of the Master's Degree of the student Dimitrios Papakonstantinou on the subject: Study of Exosomes from patients with small cell lung cancer (SCLC).

4. 2022- Today. University of Patras, Department of Biology. Scientific Supervisor of the Master's Degree of the student Argyro Roumeliotis on the subject: Study of the expression of CXCR4 and JUNB in Circulating Cancer Cells of patients with small cell lung cancer (SCLC).

5. 2022- Today. University of Patras, Department of Biology Scientific Supervisor of the Master's Degree Specialization of the student Anastasios Tolios on the subject: Study of PSMA in Bone Marrow Disseminated Cancer Cells (DTCs) with breast cancer.

2020-Today University of Patras, Department of Biology Scientific Supervisor of **thirteen** BSc thesis students from the Biology Department.

2018-2019 University of Crete, Medical School BSc Scientific Supervisor of **eight** BSc thesis of students from the university of Crete,

PUBLICATIONS IN PEER REVIEW JOURNALS
CITATIONS: 2798 (Scopus), 3753 (Google Scholar)
MEAN IF: 5.830,
H-INDEX: 27 (Scopus), 31 (Google Scholar)
CORRESPONDING AUTHOR: 28
FIRST/LAST AUTHOR: 28

1. Ch. Tagari, K. Mangani, M. Gogolides, A. Roumeliotou, P. Golegou, A. Xagara, F. Koinis, T. Frisan, I. S. Pateras, S.N. Karagiannis, Ath. Kotsakis and **G. Kallergi.** The phenotypic heterogeneity of tumor-derived cells in the bloodstream of pancreatic cancer patientsFront. Cell Dev. Biol., 14 September 2026 Volume 14 - 2026 | https://doi.org/10.3389/fcell.2026.1881239.
2. Papakonstantinou D, Vardas V, Varouhaki DM, Kotzamouratoglou A, Mangani K, Ju JA, Alix-Panabières C, Martin SS, Athanassopoulos CM, Kallergi G (Corresponding Author). The Impact of Combretastatin A-4 on Cancer Cells and Circulating Tumor Cells (CTCs): A Multi-Assay Approach. Oncol Res. 2026 Sep 14;34(10):1. doi: 10.32604/or.2026.085665. eCollection 2026.
3. Pantazaka E, Papakonstantinou D, Roumeliotou A, Graikioti D, Tsakas S, Zacharopoulou N, Martin SS, Kotsakis A, Athanassopoulos CM, Alix-Panabières C, **Kallergi G** (Corresponding Author).. Repurposing Artesunate to Combat Progression and Metastasis via Targeting Circulating Tumor Cells. Oncol Res. 2026 May 21;34(6):13. doi: 10.32604/or.2026.075600. eCollection 2026.
4. K. Mangani, E. Pantazaka, E. Lianidou, V. Georgoulias, A. Kotsakis, A. Markou, and **G. Kallergi** (Corresponding Author). MCT1 and MCT4 Expression in Circulating Tumor Cells from Patients with Non-Small Cell Lung Cancer during Osimertinib Treatment. Under review in Therapeutic Advances in Medical Oncology 2026 Feb 15;18:17588359261416422. doi: 10.1177/17588359261416422.
5. Xagara A, Vasilieva K, Kokkalis A, Lazarou A, Christodoulopoulos G, Papadopoulos V, Chantzara E, Koinis F, Saloustros E, **Kallergi G,** Georgoulias V, Pateras IS, Kotsakis A.Profiling of circulating T-cells with prognostic and predictive value in early and advanced stage PDAC.Cancer Immunol Immunother. 2025 Oct 9;74(11):333. doi: 10.1007/s00262-025-
6. Papakonstantinou D., Roumeliotou A., Pantazaka E., Shaukat A.N., Christopoulou A., Koutras A., Dimitrakopoulos F. I., Georgoulias V., Xagara A., Chantzara E., Koinis F., Kotsakis A., Stathopoulos C., **Kallergi** G. (Corresponding Author). Comprehensive analysis of Circulating Tumor Cells (CTCs) and exosomes derived from Small Cell Lung Cancer (SCLC) patients. Mol Oncology 2025 Jul;19(7):2038-2055. doi: 10.1002/1878-0261.13765. Epub 2024 Nov 22.
7. Ntzifa A, Marras T, **Kallergi G**, Kotsakis A, Georgoulias V, Lianidou EComprehensive liquid biopsy analysis for monitoring NSCLC patients under second-line osimertinib treatment. Front Oncol. 2024 Oct 21;14:1435537. doi: 10.3389/fonc.2024.1435537. eCollection 2024.
8. Galletti G, Halima A, Gjyrezi A, Zhang J, Zimmerman B, Worroll D, Kallergi G, Barreja R, Ocean A, Saxena A, McGraw TE, Nanus DM, Elemento O, Altorki NK, Tagawa ST, Giannakakou P. Transferrin receptor-based circulating tumor cell enrichment provides a snapshot of the molecular landscape of solid tumors and correlates with clinical outcomes. PMID: 38947080 Free PMC article. Preprint.
9. Roumeliotou A, Alkahtani S, Alarifi S, Alkahtane AA, Stournaras C, **Kallergi G. (Corresponding Author)** STIM1, ORAI1, and KDM2B in circulating tumor cells

(CTCs) isolated from prostate cancer patients. Front Cell Dev Biol. 2024 Jun 5;12:1399092. doi: 10.3389/fcell.2024.1399092.
10. Roumeliotou A, Strati A, Chamchougia F, Xagara A, Tserpeli V, Smilkou S, Lagopodi E, Christopoulou A, Kontopodis E, Drositis I, Androulakis N, Georgoulias V, Koinis F, Kotsakis A, Lianidou E, **Kallergi G. (Corresponding Author)**. Comprehensive Analysis of CXCR4, JUNB, and PD-L1 Expression in Circulating Tumor Cells (CTCs) from Prostate Cancer Patients.Cells. 2024 May 3;13(9):782. doi: 10.3390/cells13090782.
11. Pantazaka E, Alkahtani S, Alarifi S, Abdullah A., Stournaras C. and **Kallergi G. (Corresponding Author)**. Role of KDM2B epigenetic factor in regulating Calcium signaling in prostate cancer cells. S. Pharm. Science 2024 Jul;32(7):102109. doi: 10.1016/j.jsps.2024.102109. Epub 2024 May 18.PMID: 38817821
12. Xagara A., Roumeliotou A., Kokkalis A., Tsapakidis K., Papakonstantinou D., Papadopoulos V., Samaras I., Chantzara E., **Kallergi G**. and Kotsakis A. ES-SCLC Patients with PD-L1+ CTCs and High Percentages of CD8+PD-1+T Cells in Circulation Benefit from Front-Line Immunotherapy Treatment. Biomedicines 2024, 12, 146.
13. Koinis F, Zafeiriou Z, Messaritakis I, Katsaounis P, Koumarianou A, Kontopodis E, Chantzara E, Aidarinis C, Lazarou A, Christodoulopoulos G, Emmanouilides C, Hatzidaki D, **Kallergi G,** Georgoulias V, Kotsakis A. Prognostic Role of Circulating Tumor Cells in Patients with Metastatic Castration-Resistant Prostate Cancer Receiving Cabazitaxel: A Prospective Biomarker Study. Cancers (Basel). 2023 Sep 11;15(18):4511. doi: 10.3390/cancers15184511.
14. Vardas V, Ju JA, Christopoulou A, Xagara A, Georgoulias V, Kotsakis A, Alix-Panabières C, Martin SS, **Kallergi G. . (Corresponding Author).** Functional Analysis of Viable Circulating Tumor Cells from Triple-Negative Breast Cancer Patients Using TetherChip Technology. Cells. 2023 Jul 26;12(15):1940. doi: 10.3390/cells12151940.
15. Vardas V, Tolios A, Christopoulou A, Georgoulias V, Xagara A, Koinis F, Kotsakis A, **Kallergi G. . (Corresponding Author).** Immune Checkpoint and EMT-Related Molecules in Circulating Tumor Cells (CTCs) from Triple Negative Breast Cancer Patients and Their Clinical Impact. Cancers (Basel). 2023 Mar 25;15(7):1974. doi: 10.3390/cancers15071974
16. Stergiopoulou D, Markou A, Strati A, Zavridou M, Tzanikou E, Mastoraki S, **Kallergi G**, Georgoulias V, Lianidou E. Comprehensive liquid biopsy analysis as a tool for the early detection of minimal residual disease in breast cancer. Sci Rep. 2023 Jan 23;13(1):1258.
17. Roumeliotou A, Pantazaka E, Xagara A, Dimitrakopoulos FI, Koutras A, Christopoulou A, Kourelis T, Aljarba NH, Alkahtani S, Koinis F, Kotsakis A, **Kallergi G. (Corresponding Author).** Phenotypic Characterization of Circulating Tumor Cells Isolated from Non-Small and Small Cell Lung Cancer Patients Cancers (Basel). 2022 Dec 28;15(1):171.
18. Pantazaka E, Ntzifa A, Roumeliotou A, Lianidou E, Georgoulias V, Kotsakis A, **Kallergi G (Corresponding Author).** PD-L1/pS6 in Circulating Tumor Cells (CTCs) during Osimertinib Treatment in Patients with Non-Small Cell Lung Cancer (NSCLC). Biomedicines. 2022 Aug 5;10(8):1893.
19. Sklias T, Vardas V, Pantazaka E, Christopoulou A, Georgoulias V, Kotsakis A, Vasilopoulos Y, **Kallergi G (Corresponding Author)**. PARP-1 Expression and BRCA1 Mutations in Breast Cancer Patients' CTCs. Cancers (Basel). 2022 Mar 29;14(7):1731.

20. **Kallergi G**, Kontopodis E, Ntzifa A, Jordana-Ariza N, Karachaliou N, Pantazaka E, Charalambous HA, Psyrri A, Tsaroucha E, Boukovinas I, Koumarianou A, Hatzidaki D, Lianidou E, Georgoulias V, Rosell R, Kotsakis A. Effect of Osimertinib on CTCs and ctDNA in EGFR Mutant Non-Small Cell Lung Cancer Patients: The Prognostic Relevance of Liquid Biopsy. Cancers (Basel). 2022 Mar 19;14(6):1574.
21. Katsarou SD, Messaritakis I, Voumvouraki A, Kakavogiannis S, Kotsakis A, Alkahtani S, Stournaras C, Martin SS, Georgoulias V, **Kallergi G (Corresponding Author),** Detyrosinated α-Tubulin, Vimentin and PD-L1 in Circulating Tumor Cells (CTCs) Isolated from Non-Small Cell Lung Cancer (NSCLC) Patients. J Pers Med. 2022 Jan 25;12(2):154.
22. Vardas V, Politaki E, Pantazaka E, Georgoulias V, **Kallergi G (Corresponding Author),.** Epithelial-to-mesenchymal transition of tumor cells: cancer progression and metastasis. Int J Dev Biol. 2022;66(1-2-3):277-283.
23. Chantzara E, Xenidis N, **Kallergi G,** Georgoulias V, Kotsakis A. Circulating tumor cells as prognostic biomarkers in breast cancer: current status and future prospects. Expert Rev Mol Diagn. 2021 Aug 9:1-12.
24. Strati A, Zavridou M, **Kallergi G,** Politaki E, Kuske A, Gorges TM, Riethdorf S, Joosse SA, Koch C, Bohnen AL, Mueller V, Koutsodontis G, Kontopodis E, Poulakaki N, Psyrri A, Mavroudis D, Georgoulias V, Pantel K, Lianidou ES. A Comprehensive Molecular Analysis of in Vivo Isolated EpCAM-Positive Circulating Tumor Cells in Breast Cancer. Clin Chem. 2021 Jul 28: Online ahead of print.
25. Markou A, Tzanikou E, **Kallergi G,** Pantazaka E, Georgoulias V, Kotsakis A, Lianidou E. Evaluation of Monocarboxylate Transporter 4 (MCT4) Expression and Its Prognostic Significance in Circulating Tumor Cells From Patients With Early Stage Non-Small-Cell Lung Cancer. Front Cell Dev Biol. 2021 Apr 22; 9:641978.
26. Pantazaka E, Vardas V, Roumeliotou A, Kakavogiannis S, **Kallergi G (Corresponding Author),.** Clinical Relevance of Mesenchymal- and Stem-Associated Phenotypes in Circulating Tumor Cells Isolated from Lung Cancer Patients. Cancers (Basel). 2021 Apr 29;13(9):2158.
27. Papadaki MA, Aggouraki D, Vetsika EK, Xenidis N, **Kallergi G,** Kotsakis A, Georgoulias V. Epithelial-to-mesenchymal Transition Heterogeneity of Circulating Tumor Cells and Their Correlation With MDSCs and Tregs in HER2-negative Metastatic Breast Cancer Patients. Anticancer Res. 2021 Feb;41(2):661-670.
28. **Kallergi G**, Spiliotaki M, Nikolaou C, Xenidis N, Politaki E, Apostolaki S, Georgoulia N, Koinis F, Tsoukalas N, Hatzidaki D, Kotsakis A, Georgoulias V. Dynamic changes of CTCs in patients with metastatic HR(+)/HER2(-) breast cancer receiving salvage treatment with everolimus/exemestane. Cancer Chemother Pharmacol. 2021 Feb;87(2):277-287.
29. Ntzifa A, Strati A, **Kallergi G**, Kotsakis A, Georgoulias V, Lianidou E. Gene expression in circulating tumor cells reveals a dynamic role of EMT and PD-L1 during osimertinib treatment in NSCLC patients. Sci Rep. 2021 Jan 27;11(1):2313
30. **G. Kallergi (Corresponding Author),** O. Hoffmann, AK. Bittner, L. Papadimitriou, N Zacharopoulou, M. Zervakis, S. Sfakianakis, C. Stournaras, V. Georgoulias, R. Kimmig, S. Kasimir-Bauer. CXCR4 and JUNB double positive disseminated tumor cells are frequently detected in breast cancer patients at primary diagnosis (Ther. Adv. in Medical Oncology, 2020 Apr 28;12).
31. Zacharopoulou N, **Kallergi G**, Alkahtani S, Tsapara A, Alarifi S, Schmid E, Sukkar B, Kampranis S, Lang F, Stournaras C. The histone demethylase KDM2B activates FAK and PI3K that control tumor cell motility. Cancer Biol Ther. 2020 Jun 2;21(6):533-540

32. **G. Kallergi, (Corresponding Author),** V. Tsintari, S Sfakianakis, E.S. Bei, N. Zacharopoulou, C. Stournaras, M. Zervakis and V. Georgoulias The prognostic value of JUNB-positive CTCs in metastatic breast cancer; from bioinformatics to immunophenotype. Breast Cancer Res. 2019 Aug 1;21(1):86.
33. A. Kotsakis, **G. Kallergi**, D. Agouraki, Lyristi, Zaharoula, E. Lagoudaki, A. Koutsopoulos, V. Georgoulias E.K. Vetsika, CD8+PD-1+T cells and PD-L-1+ CTCs in chemotherapy naïve NSCLC: Towards their clinical relevance Ther Adv Med Oncol. 2019 Jun 12;11
34. **G. Kallergi (Corresponding Author),** D. Aggouraki, N. Zacharopoulou, C. Stournaras, V. Georgoulias, S.S. Martin. Evaluation of microtentacles on Circulating Tumor Cells (CTCs); Interaction between CTCs and blood cells through cytoskeletal proteins. Breast Cancer Res. 2018 Jul 5;20(1):67.
35. N. Zacharopoulou, A. Tsapara, **G. Kallergi,** E. Schmid, S. Alkahtani, S. C. Kampranis, and Ch. Stournaras. The epigenetic factor KDM2B regulates EMT and small GTPases in colon tumor cells. Cell Physiol Biochem, 2018 May 14;47(1):368-377
36. **G. Kallergi (Corresponding Author),** E.K. Vetsika, D. Agouraki, E. Lagoudaki, A. Koutsopoulos, F. Koinis , P. Katsarlinos, M. Trypaki, I. Messaritakis, C. Stournaras, V. Georgoulias, A. Kotsakis. Evaluation of PD-L1/PD-1 on Circulating Tumor Cells (CTCs) in patients with advanced non-small cell lung cancer (NSCLC). Therapeutic Advances in Medical Oncology Journal, 2018 Jan 15;10
37. N. Zacharopoulou, A.Tsapara, **G.Kallergi,** E. Schmid, P.N. Tsichlis, S. C Kampranis& C. Stournaras RhoA/B-GTPases-governed actin cytoskeleton signaling regulates KDM2B-induced motility in prostate cancer cells Biochim Biophys Acta. 2018 Apr;1865(4):587-597.
38. E. Politaki, S. Agelaki, S. Apostolaki, D. Hatzidaki, Areti Strati, F. Koinis, M. Perraki, G. Saloustrou, G. Stoupis, **G. Kallergi**, M. Spiliotaki, T. Skaltsi, E. Lianidou, V. Georgoulias, D. Mavroudis·A comparison of three methods for the detection of circulating tumor cells in patients with early and metastatic breast cancer. Cell Physiol Biochem, 2017;44(2):594-606.
39. M. J. Stagno, A. Tsapara, N. Zacharopoulou, J. Bochem, L. Pelzl, T. Maghout, **G. Kallergi,** S. Alkahtani, K. Alevizopoulos, K. Dimas, T. Calogeropoulou, S. W. Warmann, F. Lang, E. Schmid, Ch. Stournaras. Istaroxime inhibits motility and down-regulates Orai1 expression, SOCE and FAK phosphorylation in prostate cancer cells. Cell Physiol Biochem. 2017 Jul 14;42(4):1366-1376.
40. I. Messaritakis, E. Politaki, A. Kotsakis, K. Dermitzaki, P. Koinis, E. Lagoudaki, A. Koutsopoulos, **G. Kallergi,** J. Souglakos, V. Georgoulias. Phenotypic characterization of circulating tumor cells in the peripheral blood of patients with small cell lung cancer (SCLC). PLoS One. 2017 Jul 18;12(7)
41. M. Spiliotaki, D. Mavroudis, M. Kokotsaki, E. K. Vetsika, I Stoupis, A. Matikas, **G. Kallergi**, V. Georgoulias, S. Agelaki· Insulin-like growth factor-1 receptor expression in circulating tumor cells of patients with breast cancer is associated with E-cadherin expression and patients' outcome (Mol Oncol. 2017 Aug 2doi: 10.1002/1878-0261.12114.)
42. S. Agelaki, Melina Dragolia, H. Markonanolaki, S. Alkahtani, Ch. Stournaras, V. Georgoulias, **G. Kallergi (Corresponding Author),**. Phenotypic characterization of circulating tumor cells (CTCs) in triple negative breast cancer patients (TNBC), Oncotarget 2017 Jan 17;8(3):5309-5322

43. **G. Kallergi (Corresponding Author)**, E. Politaki, S. Alkahtani, C. Stournaras, V. Georgoulias. Evaluation of Isolation methods for Circulating Tumor Cells. Cell Physiol Biochem. 2016;40(3-4):411-419.
44. **G. Kallergi (Corresponding Author),** S. Agelaki, M. A. Papadaki, D. Nasias, A. Matikas, D. Mavroudis, V.Georgoulias. Expression of truncated HER2 receptor (p95HER2) in Circulating Tumor Cells (CTCs) of breast cancer patients. Breast Cancer Res. 2015 Aug 19; 17:113.
45. Agelaki S, Kalykaki A, Markomanolaki H, Papadaki MA, Kallergi G, Hatzidaki D, Kalbakis K, Mavroudis D, Georgoulias. Efficacy of Lapatinib in Therapy-Resistant HER2-Positive Circulating Tumor Cells in Metastatic Breast Cancer. PLoS One. 2015 Jun 17;10(6)
46. M Spiliotaki, D Mavroudis, K Kapranou, H Markomanolaki, **G Kallergi**, Filippos Koinis, Kostas Kalbakis, Vassilis Georgoulias, Sofia Agelaki Evaluation of proliferation and apoptosis markers in circulating tumor cells of women with early breast cancer who are candidates for tumor dormancy. Breast Cancer Res. 2014 Nov 29;16(6):485.
47. **G Kallergi (Corresponding Author)**, M.A.Papadaki Z Zafeiriou, L Manouras, P.A. Theodoropoulos, D Mavroudis, V Georgoulias, S Agelaki. Co-expression of putative stemness and epithelial-to-mesenchymal transition markers on single circulating tumour cells from patients with early and metastatic breast cancer. BMC Cancer. 2014 Sep 3; 14:651.
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AWARDS IN INTERNATIONAL CONFERENCES

- Mentor to the Patras Medicine scientific student team "syn-PNOIA – Redefining Lung Cancer Diagnosis" at the Global Synthetic Biology Competition "iGEM 2022" held in Paris, October 26-28, 2022. A total of 356 teams from 42 countries and distinguished Universities participated in the competition worldwide. The team won:
- **- 1st Prize in the "Diagnostics" Category (Best Diagnostics Project, https://jamboree.igem.org/2022/results/track-awards)**
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• **- 1st Best Website Award (Best Wiki Award, https://2022.igem.wiki/patras-medicine/)**
•
• **- Gold Medal (achievement of specific competition objectives)**
• Best project award at **2nd symposium on advances in cancer immunology and immunotherapy 15-17 Dec, Athens 2016.**
• EK Vetsika, **G. Kallergi,** D. Aggouraki, Z. Lyristi, P. Katsarlinos, F. Koinis, V. Georgoulias, A. Kotsakis. CD8+PD-1+ T cells association with PD-L1+ circulating tumour cells (CTC): An independent prognostic factor in non-small cell lung cancer (NSCLC) patients

• Best Poster Award presented at **9th International Symposium on Minimal Residual Cancer, Paris 2013**
M.A Papadaki, **G. Kallergi**, Z. Zafeiriou, V. Georgoulias, P. A. Theodoropoulos, S. Agelaki, D. Mavroudis
Phenotypic characterization of single circulating tumor cells (CTCs) in patients with early and metastatic breast cancer (BC) using stemness and epithelial-to-mesenchymal transition (EMT) markers

•Scholar in Training Grant at 35th **Annual San Antonio USA Breast Cancer Symposium** 2012 (Avon Foundation award)
G. Kallergi, D. Nasias, M. Papadaki, D. Mavroudis, V. Georgoulias, S. Agelaki
Truncated HER2 receptor in Circulating Tumor Cells (CTCs) of early and metastatic breast cancer patients

•Scholar in Training Grant στο 35th **Annual San Antonio USA Breast Cancer Symposium** 2012 (Avon Foundation award)
MA Papadaki, **G. Kallergi**, D. Mavroudis, V. Georgoulias, PA Theodoropoulos, S. Agelaki. Effect of first-line chemotherapy in the expression of stemness and epithelial-to-mesenchymal transition markers in circulating tumor cells of patients with metastatic breast cancer.

•Best Poster Award presented at **International Symposium on Advances in Circulating Tumor Cells (ACTC) Athens 2012**
H. Markomanolaki, **G. Kallergi**, D. Mavroudis,, G. Saloustrou, V. Georgoulias, S. Agelaki. Kinetics of Circulating Tumor Cells (CTCs) in HER2-positive (+) Metastatic Breast Cancer Patients Receiving Trastuzumab.

- Best Poster Award presented at the 7th international symposium on minimal residual cancer, 2009. Athens Greece.
G. Kallergi, H. Markomanolaki, V. Giannoukaraki, M. A. Papadaki, A. Strati, E. Lianidou, V. Georgoulias D. Mavroudis, S. Agelaki.
Angiogenesis associated molecules are expressed in CTCs of breast.

INVITED AND SELECTED ORAL PRESENTATIONS IN NATIONAL AND INTERNATIONAL MEETINGS

1. **Invited speaker to the 3rd Central Greece Oncology Conference 14-16 October 2021. Circulating cancer cells: past, present and future.**

2. **Invited speaker to 2nd International meeting on Lung Cancer. Athens 22-23 Oct. Athens 2021. Identification of PD-L1 and ps6 expression in circulating tumor cells of osimertinib-treated non-small-cell lung cancer patients.**

3. **Invited speaker to 5th ACTC | Advances in Circulating Tumor Cells | Liquid Biopsy: Latest Advances and Future, 22-25 Sept, Kalamata, Greece. JUNB and CXCR4 expression in Circulating Tumor Cells (CTCs) isolated from Non-Small (NSCLC) and Small Cell (SCLC) Lung Cancer Patients patients.**

4. **Invited speaker to Masterclass on Tumor Biomarkers. 9-10 Sept 2021 Athens. The phenotypic heterogeneity of CTCs.**

5. **Invited speaker (commentary) 6th Post-educational Meeting of Southwest Greece for Cancer Applications of bioinformatics with clinical utility in cancer. September 2-4, 2021 Patras.**

6. **Invited speaker to 1st International meeting on Lung Cancer. Athens 23-24 Oct. Athens 2020. Phenotypic characterization and clinical relevance of Circulating Tumor Cells in NSCLC.**

7. **Invited speaker to Masterclass on Tumor Biomarkers. 1-2 October 2020. The phenotypic heterogeneity of CTCs in breast cancer and Non-Small Cell Lung Cancer.**

8. **Invited speaker to 18o Postgraduate Conference: Advances in Clinical Oncology 11-12 December 2020. Clinical significance of circulating cancer cells: latest data.**

9. **Invited speaker to the 4th ACTC | Advances in Circulating Tumor Cells | Liquid Biopsy: Latest Advances and Future, 2-5 Oct 2019, Corfu, Greece.**

a. ChallengesThe prognostic value of JUNB-positive CTCs in metastatic breast cancer; from bioinformatics to phenotypic characterization.

10. **Invited speaker to the 1st Meeting on Liquid Biopsy: Latest developments, opportunities and perspectives in modern oncology, 25th May in Athens.** Phenotypic characterization of CTCs derived from breast and Lung cancer patients.

11. **Invited speaker to 4ης International symposium on advances in cancer immunology and immunotherapy 29 Nov- 1 Dec. Athens, 2018.** Reduction of PD-L1 positive Circulating Tumor Cells (CTCs) in non-small cell lung cancer (NSCLC) patients, treated with Nivolumab

12. **Invited Speaker to Masterclass on Tumor Biomarkers, 20-21 September, Athens 2018:**
    Phenotypic heterogeneity and characterization of CTCs

Dormancy status of Circulating Tumor Cells in various tumor types

13. **Invited Speaker in Best of IASLC world conference of Lung Cancer, Athens 23-24 February, Athens 2018:**

i. Characterization of Lung cancer Cell-Free Tumor DNA (cfDNA) shedding and correlation with tumor burden as measured by Recist.
ii. Circulating Tumor DNA mutant allele frequency and tumor burden as biomarkers for response to immune checkpoint blockage.
iii. 07.06 Innate genetic evolution of lung cancer and spatial heterogeneity: Analysis of treatment-naïve lesions.
iv. 07.08 Clinical potential of sputum in detecting driver mutations in patients with non-small cell lung cancer: a preliminary study

14. **Invited Speaker in Best of San Antonio Breast Cancer Symposium 20 January, Athens 2018:**

a. Circulating tumor cells (CTCs) five years after diagnosis are prognostic for late recurrence in operable stage II-III breast cancer.
b. Genome-wide copy number analysis of chemotherapy-resistant metastatic triple-negative breast cancer from cell-free DNA

15. **Oral presentation in 3rd symposium on advances in cancer immunology and immunotherapy 2-4 November, Athens 2017.** Evaluation of PD-L1/PD-1 on Circulating Tumor Cells (CTCs) in patients with advanced non-small cell lung cancer (NSCLC)

16. **Oral presentation in 3rd ACTC International meeting in 4-7 October. Rhodes 2017.** PD-L1 and PD-1 expression in Circulating Tumor Cells (CTCs) isolated from chemotherapy naïve and advanced non-small cell lung cancer (NSCLC) patients.

17. **Invited Speaker in "Masterclass on Tumor Biomarkers" 19-20 October Athens 2017:** CTCs; Phenotypic heterogeneity and characterization**.**

18. **Oral presentation in 4th Symposium on Thoracic and Upper Aerodigestive Malignancies. 6-9 April, Athens 2017.** PD-L1 and PD-1 expression on Circulating Tumor Cells (CTCs) in advanced non-small cell lung cancer (NSCLC) patients treated with Nivolumab.

19. **Invited Speaker in "Masterclass in Immunology" 15-17 June, Athens 2017:** Circulating Tumor Cells and Immune system.

20. **Oral presentation in 67th Conference of the Hellenic Society for Biochemistry and Molecular Biology 25-27 November Ioannina 2016:** Evaluation of microtentacles on Circulating Tumor Cells (CTCs): Identification of the interaction between CTCs and blood cells through cytoskeletal elements

21. **Invited Speaker in "Masterclass on Tumor Biomarkers" 12-13 May Athens 2016:** CTCs definition and imaging methods for their detection.

22. **Invited Speaker in Best of San Antonio Breast Cancer Symposium – Greece 8-9 January Athens 2016**: **a)** Nuclear FGFR1 interaction with estrogen receptor (ER) α is

associated with resistance to endocrine therapy in ER+/FGFR1-amplified breast cancer. b) ESR1 coregulatory binding inhibitor (ECBI) as a novel therapeutic to target hormone therapy resistant metastatic breast cancer. c) Occurrence of natural ESR1 mutations during acquisition of endocrine resistance in breast cancers and widely used ER+ cell lines.

23. **Invited Speaker in "Masterclass on Tumor Biomarkers"** 12-13 Jun 2015: Phenotypic characterization of CTCs.

24. **Invited Speaker in "Educational Workshop in cancer therapeutics" 3 October 2015, Chania, Greece:** Liquid Biopsy and signal transduction pathways.

25. **Oral presentation in "TEMTIA meeting", Melbourne 11 October 2015:** Cell Search evaluation of EMT phenotype on CTCs isolated from breast cancer patients.

26. **Invited Speaker in Baltimore, Maryland University, Medical School 23 September 2015:** Identification of metastatic capability of CTCs through microtentacles formation in breast cancer patients- Evaluation of the crosstalk between the cells.

27. **Invited Speaker in Masterclass on circulating Tumor Cells and Molecular Biomarkers: 15-17 Dec 2014**: Circulating Tumor Cells: definitions and imaging methods for detection

28. **Oral presentation Hellenic Society of Medical Oncology annual meeting, Thessaloniki 2014:** Expression of p95HER2 receptor in CTCs isolated from 1st line breast cancer patients.

29. **Invited speaker in Educational symposium in clinical oncology, November 2012, Heraklion, Crete, Greece:** Phenotypic characterization of CTCs isolated from patients with Triple negative (ER-, PR-, HER2-) tumors.

30. **Oral presentation Hellenic Society of Medical Oncology annual meeting, April, Athens 2012:** Evaluation of apoptosis on CTCs of early and metastatic breast cancer patients.

31. **Oral presentation in International Symposium on Advances in Circulating Tumor Cells (ACTC) 29 September Athens, 2012**: Apoptosis and proliferation in CTCs of early and metastatic breast cancer patients.

32. **Invited speaker in Educational symposium in clinical oncology, November 2010, Heraklion, Crete, Greece:** Evaluation of apoptosis on CTCs

33. **Oral presentation Hellenic Society of Medical Oncology annual meeting, Athens 2008 :** Activation of EGFR and PI-3 Kinase in CTCs

34. **Invited speaker in Educational symposium in clinical oncology, November 2007, Heraklion, Crete, Greece:** Phosphorylation of EGFR and the signal transduction molecules in CTCs of breast cancer patients.

35. **Invited speaker in Educational symposium in clinical oncology, November 2005, Heraklion, Crete, Greece:** Signal transduction pathways on CTCs

36. **Invited speaker in Educational symposium in clinical oncology, November 2004, Heraklion, Crete, Greece:** Expression of Focal Adhesion Kinase in CTCs.

ORGANIZATION OF SCIENTIFIC WORKSHOP

- **6th Advances in Circulating Tumor Cells:** "Liquid Biopsy and Precision Oncology: Where do we stand now? Sep 20-23/2023 in the beautiful island of Skiathos, Greece **(Local Organizing Committee)**
- Scientific organizer of workshop: DETECTION METHODS OF CTCs
  12 OCTOBER 2014, HERAKLION, CRETE, GREECE

ANNOUNCEMENTS IN NATIONAL AND INTERNATIONAL MEETINGS

1. Argyro Roumeliotou, Evangelia Pantazaka, Athanasios-Nasir Shaukat, Dimitris Papakonstantinou, Athina Christopoulou, Angelos Koutras, Thomas Makatsoris, Foteinos-Ioannis Dimitrakopoulos, Vassilis Georgoulias, Athanasios Kotsakis, Constantinos Stathopoulos and **Galatea Kallergi**. Evaluating new therapeutic targets in CTCs and exosomes isolated from Small Cell Lung Cancer (SCLC) patients. **Liquid Biopsies | Bergamo, Italy | 24-26 May 2022**

2. Evangelia Pantazaka, Dafni Graikioti, Constantinos M. Athanassopoulos, **Galatea Kallergi.** Non-adherent breast and non-small-cell lung cancer cell cultures as a promising CTCs' model for evaluation of the anti-tumor effects of artesunate. **AACR Annual Meeting 2022, 8-13 April, in New Orleans, USA.**

3. Argyro Roumeliotou, Evangelia Pantazaka, Anastasia Xagara, Thomas Makatsoris, Angelos Koutras, Vassilis Georgoulias, Athanasios Kotsakis and **Galatea Kallergi**. Phenotypic characterization of Circulating Tumor Cells (CTCs) isolated from Non-Small (NSCLC) and Small Cell (SCLC) Lung Cancer Patients. **AACR Annual Meeting 2022, 8-13 April, in New Orleans, USA.**

4. E. Kontopodis, **G. Kallergi**, A. Ntzifa, N. Jordana-Ariza, N. Karachaliou, E. Pantazaka Ch. Charalambous, A. Psyrri, A. Tsaroucha, I. Boukovinas, A. Koumarianou, D. Hatzidaki, E. Lianidou, V. Georgoulias, R. Rosell, A. Kotsakis Activity of osimetrinib in pretreated patients (pts) with epidermal receptor growth factor mutant (egfrmt) non-small cell lung cancer (nsclc), according to
   detection of circulating plasma dna (ctdna). **2nd International meeting on Lung Cancer. Athens 22-23 Oct. Athens 2021.**

5. A. Markou, E. Tzanikou, **G. Kallergi**, E. Pantazaka, V. Georgoulias, A. Kotsakis, E. Lianidou. Evaluation of monocarboxylate transporter 4 (mct4) expression and its prognostic significance in circulating tumor cells from patients with early stage non-small-cell lung cancer). **2nd International meeting on Lung Cancer. Athens 22-23, Oct. Athens 2021.**

6. E. Pantazaka, A. Ntzifa, S. Tsakas, E. Lianidou, A. Kotsakis, V. Georgoulias and **G. Kallergi** Evaluation of PD-L1/pS6 on circulating tumor cells in patients with non-small-cell lung cancer treated with Osimertinib **5th ACTC | Advances in Circulating Tumor Cells | Liquid Biopsy: Latest Advances and Future, 22-25 2021, Sept, Kalamata, Greece.**
7. E. Pantazaka, D. Graikioti, C.M. Athanassopoulos and **G Kallergi** Evaluation of the anti-tumour effect of artesunate on adherent and non-adherent (CTCs' model) non-small-cell lung and breast cancer cell lines. **5th ACTC | Advances in Circulating Tumor Cells | Liquid Biopsy: Latest Advances and Future, 22-25, 2021 Sept, Kalamata, Greece.**

V. Vardas, E. Pantazaka, V. Georgoulias and G. Kallergi

8. Evaluation of CTCs isolated from triple-negative breast cancer patients (TNBC) related to cytoskeletal modifications and PD-L1 expression. **5th ACTC | Advances in Circulating Tumor Cells | Liquid Biopsy: Latest Advances and Future, 22-25, 2021 Sept, Kalamata, Greece.**

9. **G. Kallergi**, S. D. Katsarou, A. Voumvouraki, Ch. Stouraras, S. S. Martin4, V. Georgoulias. Alpha tubulin and EMT-related molecules expressed in CTCs isolated from Non-Small Cell Lung Cancer (NSCLC) patients**. AACR Annual Meeting 2020, 24-28 April, in San Diego, USA.**
10. **G. Kallergi,** S. D. Katsarou, A. Voumvouraki, Ch. Stouraras, S. S. Martin, V. Georgoulias. Alpha tubulin and EMT-related molecules expressed in CTCs isolated from Non-Small Cell Lung Cancer (NSCLC) patients. AACR Annual Meeting 2020, 24-28 April, in San Diego, USA.

11. S. D. Katsarou, A. Voumvouraki, C. Stouraras, S. S. Martin, V. Georgoulias **G. Kallergi.** The prognostic value of alpha tubulin overexpression in CTCs isolated from Non-Small Cell Lung Cancer (NSCLC). 4th ACTC | Advances in Circulating Tumor Cells | Liquid Biopsy: Latest Advances and Future, 2-5 Oct 2019, Corfu, Greece.

12. **G. Kallergi**, O. Hoffmann, AK. Bittner, L. Papadimitriou, S. D. Katsarou, N. Zacharopoulou, M. Zervakis, S. Sfakianakis, C, Stournaras, V. Georgoulias, R. Kimmig, S. Kasimir-Bauer. CXCR4 and JUNB double positive Disseminated Tumor Cells are frequently detected in breast cancer patients at primary diagnosis. 4th ACTC | Advances in Circulating Tumor Cells | Liquid Biopsy: Latest Advances

13. **G. Kallergi,** A. Voumvouraki, N. Zacharopoulou1, C. Stournaras1, S. S. Martin, V. Georgoulias. Alpha-tubulin and detyrosinated α-tubulin in CTCs derived from non-small cell lung cancer (NSCLC) patients. International Symposium on Minimal Residual Cancer (ISMRC), 3-5 May, Montpellier, France

14. **G. Kallergi**, A. Koutsopoulos, E. Lagoudaki, D. Agouraki, E.K. Vetsika, Stuart S. Martin, A. Voumvouraki, F. Koinis, C. Stournaras, V. Georgoulias, A. Kotsakis. Detection of PD-L1 and PD-1 positive circulating tumor cells (CTCs) in non-small cell lung cancer (NSCLC) patients treated with nivolumab. **AACR Annual Meeting 14-18 April, Chicago, USA, 2018.**

15. **G. Kallergi,** O. Hoffmann, N. Zacharopoulou, Ch. Stournaras, V. Georgoulias, S. Kasmir-Bauer. Overexpression of CXCR4 and JUNB in Disseminated Tumor Cells (DTCs) isolated from breast cancer patients before neoadjuvant treatment. **Cancer Research 78 (13 Supplement), 5186-5186, AACR Annual Meeting 14-18 April, Chicago, USA, 2018.**

16. **Kallergi,** G. Galetti, T. E. McGraw, D.M. Tsiridou, C. Stournaras, V. Georgoulias, N. Altorki, P. Giannakakou. Overexpression of Transferrin receptor 1 (TFR) in CTCs is a poor prognostic factor for breast cancer patients. **ACTC International meeting, Rhodos, 4-7 October, Greece, 2017.**

17. **G. Kallergi.** S. S. Martin, D. Aggouraki, C. Stournaras, V. Georgoulias. Evaluation of Microtentacles on Circulating Rumor Cells (CTCs); Interaction between CTCs and Blood cells through cytoskeletal proteins. **ACTC International meeting, Rhodos 4-7 October, Greece, 2017.**

18. A. Ntzifa, **G. Kallergi,** N. Karachaliou, Ch. Charalambous, N. Kentepozidis, M. Nikolaou, I. Boukovinas, E. Lianidou, V. Georgoulias, A. Kotsakis. Preliminary results of phenotypic characterization of Circulating Tumor Cells and monitoring of EGFR mutations using liquid biopsy in patients with EGFRmut NSCLC treated with AZD9291. **ACTC International meeting, Rhodos 4-7 October, Greece, 2017.**

19. E-K Vetsika, D. Aggouraki, **G Kallergi,** Z. Lyritzi, A. Koukos, D. Kourougkiaouri, K. Rounis, V. Georgoulias, A. Kotsakis. Correlation of immune and Circulating Tumor Cells in respect to PD-1 and PD-L1 expression during treatment in NSCLC patients. **ACTC International meeting, Rhodos 4-7 October, Greece, 2017.**

20. **G. Kallergi**, E.K. Vetsika, D. Aggouraki, E. Lagoudaki, A. Koutsopoulos, F. Koinis, P. Katsarlinos, M. Trypaki, C. Stournaras, V. Georgoulias, A. Kotsakis. Evaluation of PD-L1/PD-1 on circulating tumor cells (CTCs) and on primary tumor in advanced non-small cell lung cancer (NSCLC). . **Cancer Research July 2017 Vol 77, Issue 13 Suppl. AACR Annual meeting, 1-5 April, Washington DC, USA, 2017.**

21. E.K. Vetsika, **G. Kallergi,** D. Aggouraki, Z. Lyristi, A. Koukos, D. Kourougkiaouri, F. Koinis, V. Georgoulias, A. Kotsakis. Effect of anti-PD-1 therapy on immune cells in the peripheral blood of non-small cell lung cancer patients. **Cancer Research, July 2017 Vol 77, Issue 13 Suppl. AACR Annual meeting, 1-5 April, Washington DC, USA, 2017.**

22. G. Galletti, **G. Kallergi,** A. Saxena, D. Aggouraki, C. Stournaras, V. Georgoulias, T. E. McGraw, N. Altorki, P. Giannakakou. Transferrin receptor 1 (TfR) as marker for circulating tumor cells (CTCs) identification in NSCLC. **Cancer Research, July 2017 Vol 77, Issue 13 Suppl**. **AACR Annual meeting, 1-5 April, Washington DC, USA, 2017.**

23. E. Saloustros, H. Latsoudis, D. Vassou, **G. Kallergi,** I. Stratidaki, N.-A. Gounalaki, I. Drositis H. Latsoudis. The pursue of genetic mechanisms underlying supreme response to pazopanib treatment. **Cancer Research Vol 77, Issue 13 Suppl. AACR Annual meeting, 1-5 April, Washington DC, USA, 2017.**

24. **G. Kallergi**, D. Agouraki, P. Katsarlinos, E.K. Vetsika, E. Lagoudaki, F. Koinis, A. Koutsopoulos, V. Georgoulias, A. Kotsakis. Evaluation of PD-1 and PD-L1 expression on CTCs isolated from non-small cell lung cancer (NSCLC) tumor patients. **ESMO Congress 2016, 7-11 October, Copenhagen, Denmark 2016.**

25. **G. Kallergi,** S. S. Martin, P. Katsarlinos, V. Georgoulias
26. Evaluation of a tubulin, detyrosinated tubulin and vimentin expression in CTCs; Identification of the interaction between CTCs and blood cells through cytoskeletal elements**. Cancer Research, Vol 76 Issue 14 Suppl. AACR annual meeting, April 16 – 21, New Orleans, USA, 2016.**

27. A.Strati, Martha Zavridou, **Galatea Kallergi,** Eleni Politaki, Tobias Gorges, Andra Kuske, Anna-Lena Bohnen, George Koutsodontis, Amanda Psyrri, Klaus Lucke, Vasilis Georgouliaς, Klaus Pantel, Evi Lianidou Molecular characterization of in vivo isolated EpCAM-positive circulating tumor cells in breast cancer. **Cancer Research Vol 76, issue 14 Suppl. July 2016. AACR annual meeting, April 16 – 21, New Orleans, USA, 2016.**

28. E-K Vetsika, **G Kallergi,** Despoina Aggouraki, Z Lyristi, P Katsarlinos, Filippos Koinis, V Georgoulias, Athanasios Kotsakis. High frequencies of PD-1+CD8+ T cells are correlated with PD-L1+ circulating tumor cells (CTC) and have predictive/prognostic value in non-small cell lung cancer (NSCLC) patients, **Journal for Immunotherapy of Cancer 2016, Vol 4 Suppl. 31st Annual Meeting and Associated. Programs of the Society for Immunotherapy of Cancer (SITC 2016): National Harbor, MD, USA. 9-13 November 2016**
29. Markomanolaki, H.; Mavroudis, D.; **Kallergi, G**.; et al., HER2 expression on circulating tumor cells before adjuvant chemotherapy and during follow-up in patients with HER2-negative early breast cancer **Cancer Research, Volume: 76, Vol 4 Suppl. Annual CTRC-AACR San Antonio Breast Cancer Symposium; December 8-12; San Antonio, TX, 2015.**

30. **G. Kallergi**, Eleni Politaki, Stella Apostolaki, Sophie Laget, Vassilis Georgoulias: Evaluation of Isolation methods for Circulating Tumor Cells. **10th ISMRC International Symposium on Minimal Residual Cancer**: **Liquid Biopsy in Cancer Diagnostics and Treatment March 19-21 in Hamburg, Germany 2016.**

31. **Kallergi, G**, Politaki, E, Georgoulias, V: EMT phenotype on CTCs isolated from early and metastatic breast cancer patients. **10th ISMRC International Symposium on Minimal Residual Cancer: Liquid Biopsy in Cancer Diagnostics and Treatment March 19-21 in Hamburg, Germany, 2016.**

32. **G. Kallergi,** V. Tsintari, S Sfakianakis, M. Zervakis, D. Mavroudis, V. Georgoulias: CXCR4 pathways in CTCs: From bioinformatics to immunophenotype. **Cancer Research, Volume: 75, Vol 15 Suppl. 2015. AACR annual meeting, April 18 – 22, Philadelpia, USA, 2015.**

33. **Kallergi G**, Dragolia M, Mavroudis D, Georgoulias V, Agelaki S.: Effect of adjuvant chemotherapy on the phenotype of circulating tumor cells in patients with triple negative

breast cancer**. Cancer Research Volume: 74 Issue: 19 Suppl. AACR annual meeting, April 5 - 9, San Diego, USA, 2014.**

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REVIEWER IN PEER REVIEW JOURNALS

- Annals of Oncology
- Cancer Research
- Oncotarget
- Scientific reports
- BMC cancer
- Medical Principles & Practice
- Molecular Cancer
- Cellular Physiology &Biochemistry
- PLOS one etc
- Molecular Cancer

COMPUTATIONAL AND OTHER SKILLS

- Grant writing Course (AACR Annual Meeting 2016, New Orleans, LA)
- Windows and Macintosh platform user
- Apt user of Microsoft Office programs
- Apt user of Image analysis programs (ARIOL system , Confocal laser Scanning etc)
- SPSS seminar 2012, Athens
- Best clinical practice seminar (Roch&HORG) Athens 2016

LANGUAGES

- Greek: native speaker
- English: Proficiency level
- French: Basic level

NATIONAL AND INTERNATIONAL COLLABORATIONS

Evi Lianidou: Professor of Analytical Chemistry, University of Athens, Greece

Michael E. Zervakis: Professor, School of Electronic and Computer Engineering, Technical University of Crete, Greece

Costas Balas: Professor, Director of the Electronics, Technical University of Crete, Chania, Greece.

Stuart S. Martin, Stuart S. Martin, Ph.D.
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