

Panagiotis PARSONIDIS

Kozani, GR50100 (Greece) | 0030-6948857403

Email: pparsoni@hotmail.com Date of Birth: 20/11/1988

PROFESSIONAL SUMMARY

A Molecular Biologist with over six years of professional experience, specializing in cell-based assays, in vitro assays, clinical research, drug discovery and laboratory operations. A strong history of coordinating with laboratory teams to execute complex research projects. Strong experience in Immuno-Oncology and in the development of ATMPs.

WORK EXPERIENCE

Since 02/11/2023 **Doctoral Candidate Marie Sklodowska-Curie** at Medical University of Vienna, Austria

01/03/2017-24/10/2023 **Molecular Biologist** at RGCC S.A., Industrial Area of Florina, Greece

Researcher at the Research and Development Department, Cell culture of cancer cells and primary immune cells, development of novel cellular therapies (ATMPs), Adoptive Cell Transfer Immunotherapies, Cancer immunology, Drug Discovery and Development

03/03/2016- 30/09/2016 **Laboratory Manager** at LazosMedical, Thessaloniki, Greece

Production, Packaging and Quality Control of Chemicals, Stains, Ultrasound Gel and Cell Culture Media

TECHNICAL SKILLS

- **Laboratory safety & operations:** work in clean room and biohazard lab under Good Laboratory Practice (GLP), High throughput screening (HTS)
- **Cell based assays:** 2D and 3D cell culture, cell viability assays (MTT, SRB, CVE, AlamarBlue, WST-1, Calcein AM), clonogenic assay, wound healing assay, angiogenesis assay, hemagglutination and hemolysis assay, identification and isolation of CTCs and CSCs, extracellular vesicles isolation
- **Immunology:** PBMCs isolation, Primary cells culture, Macrophages, NK Cells, Dendritic cells, T cells, B cells, ATMPs generation, monoclonal antibody production
- **Immunophenotyping:** FACS analysis, FACS-based cell sorting, Annexin V apoptosis detection, cell cycle analysis, CFSE proliferation, immunocytochemistry
- **Molecular biology:** PCR, gel electrophoresis, gene expression (qPCR, Microarrays), array comparative genomic hybridization (aCGH), bacterial transformation, cell transfection, electroporation
- **Biochemistry:** ELISA, Bradford protein assay, LDH detection assay, Western blot
- **Microscopy:** Light, inverted, fluorescence, scanning electron (SEM)
- **Mass spectrometry:** LTQ Orbitrap XL ETD

- **Quality assurance:** ISO 17025
- **Project management:** Experimental design, conduct and interpret scientific research, scientific writing, SOPs
- **Clinical Trials:** Protocol, Investigational Medicinal Product Dossier (IMPD), Investigational Brochure (IB)

EDUCATION AND QUALIFICATIONS

2013- 2014 **M(Prof)** in Food and Drink Innovation (Packaging and Sustainability)
University of Abertay, Dundee, United Kingdom

2006-2013 **B.Sc. (Hons.)** in Biology Aristotle University of Thessaloniki, Thessaloniki

Specialization: Molecular Biology, Genetics and Biotechnology

2003- 2006 High school Diploma 2nd High school, Kozani, Greece. “Excellent, 18.6. Excellent Conduct”

PUBLICATIONS

In Scientific Conferences

- Effect of Astaxanthin in various human cancer cell lines. **Parsonidis P.**, Apostolou P., Papatotiriou I., DGHO-Jahrestagung 2023, Hamburg, 13-16 October
- Wirkung von Naturstoffen aus Nerium Oleander bei verschiedenen Krebserkrankungen des Menschen. (Effect of natural substances from Nerium oleander in various human cancers). **Parsonidis P.**, Vlachou I., Apostolou P., Papatotiriou I., DGHO-Jahrestagung 2022, Vienna, 7-10 October
- Detection of potential molecules that might be implicated in colorectal metastasis to lung. P. Apostolou, **P. Parsonidis**, I. Papatotiriou, ESMO World Congress on Gastrointestinal Cancer 2021, Barcelona, 30 June-3 July
- The contribution of White Blood Cells’ gene expression in prediction of gastrointestinal cancer. Apostolou P., **Parsonidis P.**, Iliopoulos A.C., Papatotiriou I., ESMO World Congress on Gastrointestinal Cancer 2020, Virtual
- Identification of TMX2 transmembrane protein network. Apostolou P., **Parsonidis P.**, Papatotiriou I., DGHO-Jahrestagung 2019, Berlin, 11-14 October
- Liquid biopsy and Array Comparative Genomic Hybridization (aCGH). Apostolou P., **Parsonidis P.**, Papatotiriou I., ESMO Congress 2019, Barcelona, 27 September-1 October
- Effect of natural substances from Boswellia sacra and Nerium oleander (Breastin) in colon and pancreatic cancer. **Parsonidis P.**, Vlachou I., Apostolou P., Papatotiriou I., ESMO 21st World Congress on Gastrointestinal Cancer 2019, Barcelona, 3-6 July
- Retrotransposons in circulating free DNA from cancer patients. Apostolou P., **Parsonidis P.**, Papatotiriou I., DGHO-Jahrestagung 2018, Vienna, 28 September-2 October

- Molecular profiling of gastrointestinal cancer. Apostolou P, Papadimitriou M, **Parsonidis P.**, Iliopoulos A.C, Papatotiriou I., ESMO World Congress on Gastrointestinal Cancer 2018, Barcelona, 20-23 June
- The molecular profile of colon cancer cells. Apostolou P., Ntanovasilis D., Papadimitriou M., Hatzidaki E., Pantopikou K., **Parsonidis P.**, Papatotiriou I., ESMO World Congress on Gastrointestinal Cancer 2017, Barcelona, 28 June- 1 July

In Scientific Journals

- **Parsonidis P**, Mamagkaki A, Papatotiriou I (2023). CTLs, NK cells and NK-derived EVs against breast cancer. Hum Immunol. S0198-8859(23)00042-3.
- **Panagiotis Parsonidis**, Georgios Beis, Aggelos C. Iliopoulos, Ioannis Papatotiriou (2022). Adoptive Transfer of Activated Immune Cells against Solid Tumors: A Preliminary Study. Cellular Immunology, Volume 382, 104616.
- Vlachou I., **Parsonidis P.**, Mamagkaki A., Bouris I., Papatotiriou I. (2022). Teaching an old dog new tricks: The case of Fenbendazole. Cancer Treatment and Research Communications, Volume 32, 100601.
- Stefano Guadagni, Francesco Masedu, Giammaria Fiorentini, Donatella Sarti, Caterina Fiorentini, Veronica Guadagni, Panagiotis Apostolou, Ioannis Papatotiriou, **Panagiotis Parsonidis**, Marco Valenti, Enrico Ricevuto, Gemma Bruera, Antonietta R. Farina, Andrew R. Mackay and Marco Clementi (2022). Circulating tumour cell gene expression and chemosensitivity analyses: predictive accuracy for response to multidisciplinary treatment of patients with unresectable refractory recurrent rectal cancer or unresectable refractory colorectal cancer liver metastases. BMC Cancer, 22:660.
- **Panagiotis Parsonidis**, Ioannis Papatotiriou (2022). Adoptive Cellular Transfer Immunotherapies for Cancer. Cancer Treatment and Research Communications, Volume 3, 100575.
- **Panagiotis Parsonidis**, Ioanna Vlachou, Alexandra Mamagkaki, Ioannis Bouris, Vasiliki Daikopoulou and Ioannis Papatotiriou (2021). Cytotoxic Effect of Boswellia sacra on Human Cancer Cell Lines Journal of Cancer Science and Therapy. J Cancer Sci Ther, Volume 13:7.
- Ioanna Vlachou, **Panagiotis Parsonidis** and Ioannis Papatotiriou (2021). Effect of Fermented Soy Beverage Haelan 951 on the Viability of Human Cancer Cell Lines in vitro. J Cancer Sci Ther, Volume 13:7.
- Alexandra Mamagkaki, Ioannis Bouris, **Panagiotis Parsonidis**, Ioanna Vlachou, Maria Gougousi, Ioannis Papatotiriou (2021). New Genistein capsule offers improved cancer-killing properties. PLoS ONE 16(4): e0250599.
- Ioannis Papatotiriou, Panagiotis Apostolou, Dimitrios-Athanasios Ntanovasilis, **Panagiotis Parsonidis**, Daniar Osmonov & Klaus-Peter Jünemann (2020). Study and detection of potential markers for predicting metastasis into lymph nodes in prostate cancer. BIO-MARKERS IN MEDICINEVOL. 14, NO. 14.

- **Parsonidis, P.**; Shaik, M.; Serafeim, A.P.; Vlachou, I.; Daikopoulou, V.; Papisotiriou, I (2019). Design, Synthesis, and In Vitro Activity of Pyrazine Compounds. *Molecules*, 24, 4389
- **Parsonidis P.**, Ntanovasilis D.A., Papisotiriou I. (2019). MUC1 Antigen-Specific CD8 T Lymphocytes Targeting MCF7 and MDA-MB-231 Human Breast Adenocarcinoma Cell Lines. *Journal of Cancer Therapy*, 10, 495-509.
- Apostolou P., Iliopoulos A.C., **Parsonidis P.**, Papisotiriou I. (2019). Gene expression profiling as a potential predictor between normal and cancer samples in gastrointestinal carcinoma. *Oncotarget*, 2019, Vol. 10, (No. 36), pp: 3328-3338.
- Hatzidaki E, **Parsonidis P**, Apostolou P, Daikopoulou V, Papisotiriou I. (2019). Novel small molecule decreases cell proliferation, migration, clone formation, and gene expression through ERK inhibition in MCF7 and MDA-MB-231 breast cancer cell lines. *Anti-cancer Drugs Journal*.

CONFERENCES, SEMINARS & MEETINGS

- World Pharma Week 2019 (Certificate of attendance), June 17-20, 2019, Boston, United States
- Immuno-Oncology Summit Europe 2019 (Certificate of attendance), March 18-22, 2019, London, UK
- 4th Annual Precision CRISPR Congress 2018 (Certificate of attendance), February 26-28, 2018, Boston, United States
- The 2nd CRISPR Precision Genome Editing Europe 2017 (Certificate of attendance), November 13-15, Berlin, Germany
- Stem Cells and Regenerative Medicine: Current Status and Future Prospects (Certificate of attendance), May 1-2, 2014, MRC Centre for Regenerative Medicine, Edinburgh, United Kingdom and granted with 11 CPD credits by the Royal College of Physicians

ADDITIONAL INFORMATION

Good Computing Skills: ECDL Informatics Degree and ICT Intermediate B Degree (ICT Europe)

Native Language: Greek