



## Maria Spiliotaki

**Nationality:** Greek

**Phone:** (+357) 22892725

**Date of birth:** 28/08/1974

**Gender:** Female

**Email address:** [spiliotaki.maria@ucy.ac.cy](mailto:spiliotaki.maria@ucy.ac.cy)

**Address :** Panepistimioupoli, Aglantzia, 1678 NICOSIA (Cyprus)

### WORK EXPERIENCE

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#### Special Scientist

**MMRC, University of Cyprus** [ 2019 – 2021 ]

**City:** Nicosia

**Country:** Cyprus

Investigation and characterization of Circulating Tumour Cells (CTCs) according to PD-L1, proliferation, stemness and EMT markers in NSCLC patients treated with pembrolizumab

#### Special Scientist

**University of Cyprus/ Bank of Oncology Centre** [ 2016 – 2018 ]

**City:** Nicosia

**Country:** Cyprus

Isolation of peripheral blood mononuclear cells and plasma from blood specimens of Lung cancer patients. Detection and characterization of circulating tumour cells.

#### Post-doctoral Research Associate

**Laboratory of Translational Oncology, University of Crete, Greece** [ 2005 – 2016 ]

**City:** Heraklion, Crete

**Country:** Greece

Study of the signal transduction in lung and breast cancer cell lines, detection of circulating tumor cells (CTCs) in patients with cancer and evaluation of their prognostic significance, phenotypic characterization of CTCs and development of the liquid biopsy (circulating miRNAs) as a tool to guide treatment selection and monitoring of the disease in real time

### EDUCATION AND TRAINING

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#### PhD in Biochemistry

**Medical School, National and Kapodistrian University of Athens, Greece** [ 2000 – 2004 ]

**Address:** Mikras Asias 75 street, 11527 Athens (Greece)

#### MSc in Clinical and laboratory Medicine,

**Medical School, National and Kapodistrian University of Athens, Greece** [ 1999 – 2000 ]

**Address:** Mikras Asias 75 street, , 11527 Athens (Greece)

<https://school.med.uoa.gr/>

BSc in biology,

*Department of biology, University of Crete, Greece* [ 1993 – 1998 ]

**Address:** Voutes University Campus, P.O.Box 2208, GR-70013, Heraklion, Crete, (Greece)

<http://www.biology.uoc.gr>

## LANGUAGE SKILLS

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Mother tongue(s):

**Greek**

**English**

**French**

**LISTENING:** B2 **READING:** C1 **WRITING:** C1

**LISTENING:** B1 **READING:** B1 **WRITING:** B1

**SPOKEN PRODUCTION:** B2 **SPOKEN INTERACTION:** B2 **SPOKEN PRODUCTION:** B1 **SPOKEN INTERACTION:** B1

## PUBLICATIONS

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**Circulating microRNAs in the early prediction of disease recurrence in primary breast cancer. *Breast Cancer Res.* 2018 Jul11;20(1):72. doi: 10.1186/s13058-018-1001-3. PubMed PMID: 29996899.**

[2018]

Papadaki C, Stratigos M, Markakis G, Spiliotaki M et al

**Expression of insulin-like growth factor-1 receptor in circulating tumor cells of patients with breast cancer is associated with patient outcomes. *Mol Oncol.* 2018 Jan;12(1):21-32. PubMed PMID: 28766847.**

[2018]

Spiliotaki M, Mavroudis D, Kokotsaki M, Vetsika EK et al.

**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. PubMed PMID: 29161698.**

[2017]

Politaki E, Agelaki S, Apostolaki S, Hatzidaki D, Strati A, Koinis F, Spiliotaki M et al

**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. PubMed PMID: 25432416.**

[2014]

Spiliotaki M, Mavroudis D, Kapranou K, Markomanolaki H, Kallergi G et al.

**Targeting the insulin-like growth factor I receptor inhibits proliferation and VEGF production of non-small cell lung cancer cells and enhances paclitaxel-mediated anti-tumor effect. *Lung Cancer.* 2011 Aug;73(2): 158-65. PubMed PMID: 21190751.**

[2011]

Spiliotaki M, Markomanolaki H, Mela M, Mavroudis D, Georgoulas V, Agelaki S

**Caveolin-1 regulates EGFR signaling in MCF-7 breast cancer cells and enhances gefitinib-induced tumor cell inhibition. *Cancer Biol Ther.* 2009 Aug;8(15):1470-7. PubMed PMID: 19483462.**

[2009]

Agelaki S, Spiliotaki M, Markomanolaki H, Kallergi G, Mavroudis D, Georgoulas V, Stournaras C

**Ursolic acid triggers apoptosis and Bcl-2 downregulation in MCF-7 breast cancer cells. Cancer Invest. 2009 Aug;27(7):723-33. PubMed PMID: 19440893.**

[2009]

Kassi E, Sourlingas TG, Spiliotaki M, Papoutsis Z, Pratsinis H, Aligiannis N, Moutsatsou P

**Altered glucocorticoid receptor signaling cascade in lymphocytes of bipolar disorder patients. Psychoneuroendocrinology. 2006 Jul;31(6):748-60. Epub 2006 Apr 18. PubMed PMID: 16621324.**

[2006]

Spiliotaki M, Salpeas V, Malitas P, Alevizos V, Moutsatsou P

**TAF7 (TAFII55) plays a role in the transcription activation by c-Jun. J Biol Chem. 2003 Jun 13;278(24):21510-6. PubMed PMID: 12676957.**

[2003]

Munz C, Psichari E, Mandilis D, Lavigne AC, Spiliotaki M, Oehler T, Davidson I, Tora L, et al.

## **DIGITAL SKILLS**

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**Microsoft Word / Microsoft Office / Microsoft PowerPoint / Microsoft Excel / Outlook**