

PERSONAL INFORMATION

SURNAME: MAGKOUTA
NAME: SOPHIA
DATE OF BIRTH: 23/06/1981
PLACE OF RESIDENCE: ELEFSINA ATTIKI
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Current position: *a. postdoctoral fellow Laboratory of Histology-Embryology, Molecular Carcinogenesis Group, Athens Medical school, National and Kapodistrian University of Athens, Greece*
b. Academic fellow of Nursery School, University of Thessaly, Greece responsible for Clinical Biochemistry, Clinical Microbiology of infectious diseases and Genetics lessons.

EDUCATION

2012-2013 Diploma on Flow cytometry analysis, ESCCA
2009 PhD National & Kapodistrian University of Athens, Medical School
2008 FELACA CATEGORY C for Laboratory Animal Science
2005 MSc, "Microbial Biotechnology", Biology Dpt, National & Kapodistrian University of Athens
2003 Biology degree, Biology Dpt, National & Kapodistrian University of Athens

Selected publications

Magkouta SF, Vaitsi PC, Pappas AG, Iliopoulou M, Kosti CN, Psarra K, Kalomenidis IT. CSF1/CSF1R Axis Blockade Limits Mesothelioma and Enhances Efficiency of Anti-PDL1 Immunotherapy. *Cancers (Basel)*. 2021;13(11):2546. doi: 10.3390/cancers13112546.

Magkouta SF, Pappas AG, Vaitsi PC, Agioutantis PC, Pateras IS, Moschos CA, Iliopoulou MP, Kosti CN, Loutrari HV, Gorgoulis VG, Kalomenidis IT. MTH1 favors mesothelioma progression and mediates paracrine rescue of bystander endothelium from oxidative damage. *JCI Insight*. 2020 18;5(12):e134885. doi:10.1172/jci.insight.134885.

Giopanou I, Kanellakis NI, Giannou AD, Lilis I, Marazioti A, Spella M, Papaleonidopoulos V, Simoes DCM, Zazara DE, Agaloti T, Moschos C, Magkouta S, Kalomenidis I, Panoutsakopoulou V, Lamort AS, Stathopoulos GT, Psallidas I. Osteopontin drives KRAS-mutant lung adenocarcinoma. *Carcinogenesis*. 2019 Nov 19. pii: bgz190. doi: 10.1093/carcin/bgz190.

Kerdidani D, Magkouta S, Tsoumakidou M. Emphysema assessment for personalized immunotherapy response prediction in lung cancer patients. *J Thorac Dis*. 2019;11(Suppl 15):S2034-S2035. doi: 10.21037/jtd.2019.08.98.

Apostolos G, Pappas, Sophia Magkouta, Ioannis S. Pateras, Ioannis Skianis, Charalampos Moschos, Maria Eleni Vazakidou, Katherina Psarra, Vassilis G. Gorgoulis & Ioannis Kalomenidis (2019) Versican modulates tumor-associated macrophage properties to stimulate mesothelioma growth, *OncoImmunology*, 8:2, DOI: 10.1080/2162402X.2018.1537427

Magkouta S, Kollintza A, Moschos C, Spella M, Skianis I, Pappas A, Vazakidou ME, Stathopoulos G, Kalomenidis I. Role of angiopoietins in mesothelioma progression. *Cytokine*. 2018 pii: S1043-4666(18)30341-7. doi: 10.1016/j.cyto.2018.08.006.

Kerdidani D, Magkouta S, Chouvardas P, Karavana V, Glynos K, Roumelioti F, Zakynthinos S, Wauters E, Janssens W, Lambrechts D, Kollias G, Tsoumakidou M. Cigarette Smoke-Induced Emphysema Exhausts Early Cytotoxic CD8+ T Cell Responses against Nascent Lung Cancer Cells. *J Immunol*. 2018 Sep 1;201(5):1558-1569. doi: 10.4049/jimmunol.1700700.

Magkouta S, Pappas A, Pateras IS, Kollintza A, Moschos C, Vazakidou ME, Karavana V, Gorgoulis VG, Kalomenidis I. Targeting Tie-2/angiopoietin axis in experimental mesothelioma confers differential responses and raises predictive implications. *Oncotarget*. 2018 24;9(31):21783-21796. doi: 10.18632/oncotarget.25004.

Magkouta S, Pappas A, Moschos C, Vazakidou ME, Psarra K and Kalomenidis I. Icmt inhibition exerts anti-angiogenic and anti-hyperpermeability activities impeding malignant pleural effusion. *Oncotarget*; 2016 DOI: 10.18632/oncotarget.7912

Psallidas I, Stathopoulos GT, Maniatis NA, Magkouta S, Moschos C, Karabela SP, Kollintza A, Simoes DC, Kardara M, Vassiliou S, Papiris SA, Roussos C, Kalomenidis I. Secreted phosphoprotein-1 directly provokes vascular leakage to foster malignant pleural effusion. *Oncogene*. 2013 Jan 24;32(4):528-35.

Marazioti A, Kairi CA, Spella M, Giannou AD, Magkouta S, Giopanou I, Papaleonidopoulos V, Kalomenidis I, Snyder LA, Kardamakis D, Stathopoulos GT. Beneficial impact of CCL2 and CCL12 neutralization on experimental malignant pleural effusion. *PLoS One*. 2013;8(8):71207.

Psallidas I, Karabela SP, Moschos C, Sherrill TP, Kollintza A, Magkouta S, Theodoropoulou P, Roussos C, Blackwell TS, Kalomenidis I, Stathopoulos GT. Specific effects of bortezomib against experimental malignant pleural effusion: a preclinical study. *Mol Cancer*. 2010 Mar 10;9:56.

Magkouta S, Stathopoulos GT, Psallidas I, Papapetropoulos A, Kolisis FN, Roussos C, Loutrari H. Protective effects of mastic oil from *Pistacia lentiscus* variation chia against experimental growth of lewis lung carcinoma. *Nutr Cancer*. 2009;61(5):640-8.

Stathopoulos GT, Moschos C, Loutrari H, Kollintza A, Psallidas I, Karabela S, Magkouta S, Zhou Z, Papiris SA, Roussos C, Kalomenidis I. Zoledronic acid is effective against experimental malignant pleural effusion. *Am J Respir Crit Care Med*. 2008 Jul 1;178(1):50-9.

Fellowships-research awards

2019-2020 ‘Acquisition of academic teaching experience in young scientists PhD holders in Educational Institutions’ Partnership Agreement for the Development Framework 2014-2020

2017 Research award (15000 euro) from Hellenic Thoracic Society

2017-2018 Foundation of National Scholarships (IKY): Postdoctoral research scholarship

2011 Research award (15000 euro) from Hellenic Thoracic Society.

Awards

1. Best oral presentation in pleural disease. 28th Annual Congress of the Hellenic Thoracic Society. 2018
2. Research award for ‘Role of CSF1R inhibitor in mesothelioma treatment’ (15000 euro) from Hellenic Thoracic Society. 2017
3. Best abstract in pleural disease. 2016. 25th Annual Congress of the Hellenic Thoracic Society
4. Best publication in Pneumonology of the year 2012. Best abstract in pleural disease, 19th Annual Congress of the Hellenic Thoracic Society. 2010
5. Research award for ‘The role of angiopoietins -1 and -2 in malignant mesothelioma’ (15000 euro) from Hellenic Thoracic Society. 2011
6. Best Abstract of the Congress. 20th Annual Congress of the Hellenic Thoracic Society. 2011