

Christiana Polydorou

PEER REVIEWED PUBLICATIONS

h index: 8, Citations (Scopus): 301

1. M. Panagi, C. Voutouri, F. Mpekris, P. Papageorgis, M.R. Martin, J.D. Martin, **C. Polydorou**, M. Kojima, G. Ishii, K. Kataoka and H. Cabral and T. Stylianopoulos. TGF- β inhibition combined with Doxil normalizes the metastasis microenvironment towards anti-tumor immunity. *Theranostics*.2020.
2. Martin J.D., M. Panagi, C. Wang, T.T. Khan, M.R. Martin, C. Voutouri, K. Toh, P. Papageorgis, F. Mpekris, **C. Polydorou**, G. Ishii, S. Takahashi, N. Gotohda, T. Suzuki, M.E. Wilhelm, V.A. Melo, S. Quader, J. Norimatsu, R.M. Lanning, M. Kojima, M.D. Stuber, T. Stylianopoulos, H. Cabral, and K. Kataoka and H. Cabra. The antiemetic dexamethasone increases nanocarrier delivery by normalizing the tumor microenvironment . *ACS Nano*. (2019).
3. Mpekris F*, Papageorgis P*, **Polydorou C***, Voutouri C., Pirentis A., Kalli M. and Stylianopoulos T. Sonic Hedgehog pathway inhibition normalizes desmoplastic tumor microenvironment to improve chemo- and nano-therapy. *Journal of controlled release* (2017)
4. Bhattacharyya S., Cox B., **Polydorou C.**, Gresakova V., Korinek V., Strnad H. , Sedlacek R., Trevor Allan Epp T.A. and Chawengsaksophak K. The epigenetic modifier Fam208a is required to maintain epiblast cell potency. *Scientific Reports* (2017)
5. **Polydorou C***, Mpekris F*, Papageorgis P., Voutouri C and Stylianopoulos T. Pirfenidone normalizes the tumor microenvironment to improve chemotherapy. *Oncotarget*, (2017).
6. Papageorgis P*, **Polydorou C***, Mpekris F*, Voutouri C., Agathokleous E., KapnissiChristodoulou C., Stylianopoulos T. Tranilast-induced stress alleviation in solid tumors improves the efficacy of chemo- and nanotherapeutics in a size-independent manner. *Scientific Reports* (2017).
7. Christodoulou K., Petropoulou A., Riziotis C., **Polydorou C.**, Krasia-Christoforou T. CostEffective Polymethacrylate-Based Electrospun Fluorescent Fibers towards Ammonia Sensing". *Macromolecular Materials and Engineering* (2016).
8. Christodoulou K., Achilleos M., Leontidis M, **Polydorou C.**, and Krasia-Christoforou T. Semi interpenetrating Polymer Networks with Pre-defined Architecture for Metal Ion Fluorescence Monitoring. *Polymers* 8(12):411 (2016).
9. Voutouri C., **Polydorou C.**, Papageorgis P. and Stylianopoulos T. Swelling behavior of solid tumors, the role of extracellular matrix and implications for cancer therapy. *Neoplasia* 18, 732– 741 DOI: 10.1016/j.neo.2016.10.001] (2016).
10. Gkretsi V., Stylianou A., Papageorgis P., **Polydorou C.** and Stylianopoulos T. Remodeling components of the tumor microenvironment to enhance cancer therapy. *Front. Oncol.* 5:214. DOI: 10.3389/fonc.2015.00214 (2015).
11. Pirentis A.P., **Polydorou C.**, P. Papageorgis, C. Voutouri, F. Mpekris, and T. Stylianopoulos. Remodelling of extracellular matrix due to solid stress accumulation during tumour growth. *Connective Tissue Research*, (2015).
12. **Polydorou, C.** & Georgiades, P. *Ets2*-dependent trophoblast signalling is required for gastrulation progression after primitive streak initiation. *Nat. Commun.* 4:1658 DOI: 10.1038/ncomms2646 (2013).

*Equally Contributed