



## Alexandros Panagiotis Drainas

Postdoctoral Research Fellow, Hematology-Oncology

### Bio

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#### PROFESSIONAL EDUCATION

- Master of Science, University Of Ioannina (2012)
- Diplom, University Of Ioannina (2009)
- Doctor of Philosophy, Heidelberg College (2016)

### Publications

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#### PUBLICATIONS

- **Genome-wide Screens Implicate Loss of Cullin Ring Ligase 3 in Persistent Proliferation and Genome Instability in TP53-Deficient Cells** *CELL REPORTS*  
Drainas, A. P., Lambuta, R. A., Ivanova, I., Sercin, O., Sarropoulos, I., Smith, M. L., Efthymiopoulos, T., Raeder, B., Stuetz, A. M., Waszak, S. M., Mardin, B. R., Korbil, J. O.  
2020; 31 (1): 107465
- **The MEK5-ERK5 kinase axis controls lipid metabolism in small cell lung cancer.** *Cancer research*  
Cristea, S., Coles, G. L., Hornburg, D., Gershkovitz, M., Arand, J., Cao, S., Sen, T., Williamson, S. C., Kim, J. W., Drainas, A. P., He, A., Le Cam, L., Byers, et al  
2020
- **Unbiased Proteomic Profiling Uncovers a Targetable GNAS/PKA/PP2A Axis in Small Cell Lung Cancer Stem Cells.** *Cancer cell*  
Coles, G. L., Cristea, S. n., Webber, J. T., Levin, R. S., Moss, S. M., He, A. n., Sangodkar, J. n., Hwang, Y. C., Arand, J. n., Drainas, A. P., Mooney, N. A., Demeter, J. n., Spradlin, et al  
2020
- **Regulation of ETAA1-mediated ATR activation couples DNA replication fidelity and genome stability.** *The Journal of cell biology*  
Achuthankutty, D. n., Thakur, R. S., Haahr, P. n., Hoffmann, S. n., Drainas, A. P., Bizard, A. H., Weischenfeldt, J. n., Hickson, I. D., Mailand, N. n.  
2019
- **Pan-cancer analysis of somatic copy-number alterations implicates IRS4 and IGF2 in enhancer hijacking.** *Nature genetics*  
Weischenfeldt, J. n., Dubash, T. n., Drainas, A. P., Mardin, B. R., Chen, Y. n., Stütz, A. M., Waszak, S. M., Bosco, G. n., Halvorsen, A. R., Raeder, B. n., Efthymiopoulos, T. n., Erkek, S. n., Siegl, et al  
2017; 49 (1): 65–74
- **A cell-based model system links chromothripsis with hyperploidy.** *Molecular systems biology*  
Mardin, B. R., Drainas, A. P., Waszak, S. M., Weischenfeldt, J. n., Isokane, M. n., Stütz, A. M., Raeder, B. n., Efthymiopoulos, T. n., Buccitelli, C. n., Segura-Wang, M. n., Northcott, P. n., Pfister, S. M., Lichter, et al  
2015; 11 (9): 828