

Stanford



Oana M. Enache

Ph.D. Student in Biomedical Data Science, admitted Autumn 2021

Bio

EDUCATION AND CERTIFICATIONS

- MS, Duke University , Biostatistics
- BA, University of California, Berkeley , Applied Mathematics

LINKS

- <http://www.oanaenache.com/>: http://www.oanaenache.com/

Publications

PUBLICATIONS

- A method for intelligent allocation of diagnostic testing by leveraging data from commercial wearable devices: a case study on COVID-19. *NPJ digital medicine*
Shandhi, M. M., Cho, P. J., Roghanizad, A. R., Singh, K., Wang, W., Enache, O. M., Stern, A., Sbahi, R., Tatar, B., Fiscus, S., Khoo, Q. X., Kuo, Y., Lu, et al
2022; 5 (1): 130
- Noncanonical open reading frames encode functional proteins essential for cancer cell survival *NATURE BIOTECHNOLOGY*
Prensner, J. R., Enache, O. M., Luria, V., Krug, K., Clouser, K. R., Dempster, J. M., Karger, A., Wang, L., Stumbraite, K., Wang, V. M., Botta, G., Lyons, N. J., Goodale, et al
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- Reply: Matters Arising 'Investigating sources of inaccuracy in wearable optical heart rate sensors'. *NPJ digital medicine*
Bent, B., Enache, O. M., Goldstein, B., Kibbe, W., Dunn, J. P.
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- Cas9 activates the p53 pathway and selects for p53-inactivating mutations *NATURE GENETICS*
Enache, O. M., Rendo, V., Abdusamad, M., Lam, D., Davison, D., Pale, S., Currimjee, N., Hess, J., Pantel, S., Nag, A., Thorner, A. R., Doench, J. G., Vazquez, et al
2020; 52 (7): 662-+
- Adding to the CASeload: unwarranted p53 signaling induced by Cas9. *Molecular & cellular oncology*
Rendo, V., Enache, O. M., Ben-David, U.
2020; 7 (5): 1789419
- The GCTx format and cmap{Py, R, M, J} packages: resources for optimized storage and integrated traversal of annotated dense matrices *BIOINFORMATICS*
Enache, O. M., Lahr, D. L., Natoli, T. E., Litichevskiy, L., Wadden, D., Flynn, C., Gould, J., Asiedu, J. K., Narayan, R., Subramanian, A.
2019; 35 (8): 1427-1429
- Bioconda: sustainable and comprehensive software distribution for the life sciences. *Nature methods*
Grüning, B. n., Dale, R. n., Sjödin, A. n., Chapman, B. A., Rowe, J. n., Tomkins-Tinch, C. H., Valieris, R. n., Köster, J. n.

2018; 15 (7): 475–76

● **A Next Generation Connectivity Map: L1000 Platform and the First 1,000,000 Profiles** *CELL*

Subramanian, A., Narayan, R., Corsello, S. M., Peck, D. D., Natoli, T. E., Lu, X., Gould, J., Davis, J. F., Tubelli, A. A., Asiedu, J. K., Lahr, D. L., Hirschman, J. E., Liu, et al
2017; 171 (6): 1437–+

● **A robust prognostic signature for hormone-positive node-negative breast cancer** *GENOME MEDICINE*

Griffith, O. L., Pepin, F., Enache, O. M., Heiser, L. M., Collisson, E. A., Spellman, P. T., Gray, J. W.
2013; 5: 92

● **Modeling precision treatment of breast cancer** *GENOME BIOLOGY*

Daemen, A., Griffith, O. L., Heiser, L. M., Wang, N. J., Enache, O. M., Sanborn, Z., Pepin, F., Durinck, S., Korkola, J. E., Griffith, M., Hur, J. S., Huh, N., Chung, et al
2013; 14 (10): R110