Stanford

Gabriella Estevam

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Bio

PROFESSIONAL EDUCATION

- Ph.D., University of California, San Francisco , Biochemistry and Molecular Biology (2023)
- B.S., University of California, Santa Cruz , Biochemistry and Molecular Biology (2017)

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LINKS

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Publications

PUBLICATIONS

- **MET variants with activating N-lobe mutations identified in hereditary papillary renal cell carcinomas still require ligand stimulation.** *Molecular oncology*
  Guérin, C., Vinchent, A., Fernandes, M., Damour, I., Laratte, A., Tellier, R., Estevam, G. O., Meneboo, J. P., Villenet, C., Descarpentries, C., Fraser, J. S., Figeac, M., Cortot, et al
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- **Mapping kinase domain resistance mechanisms for the MET receptor tyrosine kinase via deep mutational scanning.** *eLife*
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- **Engineering of CRISPR-Cas PAM recognition using deep learning of vast evolutionary data.** *bioRxiv : the preprint server for biology*
  Nayfach, S., Bhatnagar, A., Novichkov, A., Estevam, G. O., Kim, N., Hill, E., Ruffolo, J. A., Silverstein, R., Gallagher, J., Kleinstiver, B., Meeske, A. J., Cameron, P., Madani, et al
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- **Conserved regulatory motifs in the juxtamembrane domain and kinase N-lobe revealed through deep mutational scanning of the MET receptor tyrosine kinase domain.** *eLife*
  Estevam, G. O., Linossi, E. M., Macdonald, C. B., Espinoza, C. A., Michaud, J. M., Coyote-Maestas, W., Collisson, E. A., Jura, N., Fraser, J. S.
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- **Rosace: a robust deep mutational scanning analysis framework employing position and mean-variance shrinkage.** *Genome biology*
  Rao, J., Xin, R., Macdonald, C., Howard, M. K., Estevam, G. O., Yee, S. W., Wang, M., Fraser, J. S., Coyote-Maestas, W., Pimentel, H.
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- **State of the structure address on MET receptor activation by HGF.** *Biochemical Society transactions*
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  2021; 49 (2): 645-661