Stanford

Francesco Scavone

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Biology

Bio

ACADEMIC APPOINTMENTS

- Basic Life Research Scientist, Biology

Publications

PUBLICATIONS

- **Evaluating evidence for UFMylation client diversity.** *Nature reviews. Molecular cell biology*
  Scavone, F., Kopito, R. R.
  2026
- **UFMylation orchestrates spatiotemporal coordination of RQC at the ER.** *Science advances*
  Penchev, I., Gumbin, S., Scavone, F., Berninghausen, O., Becker, T., Kopito, R., Beckmann, R.
  2025; 11 (18): eadv0435
- **Trafficking of K63-polyubiquitin modified membrane proteins in a macroautophagy-independent pathway is linked to ATG9A.** *Molecular biology of the cell*
  Scavone, F., Lian, S., Eskelinen, E. L., Cohen, R. E., Yao, T.
  2025: mbcE24120535
- **STING induces HOIP-mediated synthesis of M1 ubiquitin chains to stimulate NF-κB signaling.** *The EMBO journal*
  Fischer, T. D., Bunker, E. N., Zhu, P. P., Le Guerroué, F., Hadjian, M., Dominguez-Martin, E., Scavone, F., Cohen, R., Yao, T., Wang, Y., Werner, A., Youle, R. J.
  2024
- **UFM1 E3 ligase promotes recycling of 60S ribosomal subunits from the ER.** *Nature*
  DaRosa, P. A., Penchev, I., Gumbin, S. C., Scavone, F., Wąchalska, M., Paulo, J. A., Ordureau, A., Peter, J. J., Kulathu, Y., Harper, J. W., Becker, T., Beckmann, R., Kopito, et al
  2024
- **RPL26/uL24 UFMylation is essential for ribosome-associated quality control at the endoplasmic reticulum.** *Proceedings of the National Academy of Sciences of the United States of America*
  Scavone, F., Gumbin, S. C., Da Rosa, P. A., Kopito, R. R.
  2023; 120 (16): e2220340120
- **RPL26/uL24 UFMylation is essential for ribosome-associated quality control at the endoplasmic reticulum.** *bioRxiv : the preprint server for biology*
  Scavone, F., Gumbin, S. C., DaRosa, P. A., Kopito, R. R.
  2023
- **The Role of SwrA, DegU and P_{D3} in fla/che Expression in B. subtilis** *PLOS ONE*
  Mordini, S., Osera, C., Marini, S., Scavone, F., Bellazzi, R., Galizzi, A., Calvio, C.

2013; 8 (12): e85065