Stanford



Jesus Miguens Blanco

Postdoctoral Scholar, Bioengineering

Bio

STANFORD ADVISORS

- Rogelio Hernandez-Lopez, Postdoctoral Faculty Sponsor

Teaching

COURSES

2023-24

- Cell, Gene, and Immune Therapies: BIOS 210 (Spr)

Publications

PUBLICATIONS

- **Disruption of gut barrier integrity and host-microbiome interactions underlie MASLD severity in patients with type-2 diabetes mellitus** *GUT MICROBES*

  Forlano, R., Martinez-Gili, L., Takis, P., Miguens-Blanco, J., Liu, T., Triantafyllou, E., Skinner, C., Loomba, R., Thursz, M., Marchesi, J. R., Mullish, B. H., Manousou, P.

  2024; 16 (1): 2304157

- **3D printed rectal swabs for assessing the gut microbiome, metabolome and inflammation.** *Scientific reports*

  Perry, R. W., Mullish, B. H., Alexander, J. L., Shah, R., Danckert, N. P., Blanco, J. M., Roberts, L., Liu, Z., Chrysostomou, D., Radhakrishnan, S. T., Balarajah, S., Barry, R., Hicks, et al

  2024; 14 (1): 16613

- **Diet shapes the metabolite profile in the intact human ileum, which affects PYY release** *SCIENCE TRANSLATIONAL MEDICINE*

  Dagbasi, A., Byrne, C., Blunt, D., Serrano-Contreras, J., Becker, G., Blanco, J., Camuzeaux, S., Chambers, E., Danckert, N., Edwards, C., Bernal, A., Garcia, M., Hanyaloglu, et al

  2024; 16 (752): eadm8132

- **Safety and preliminary efficacy of pembrolizumab following trans-arterial chemoembolization for hepatocellular carcinoma: the PETAL phase Ib study.** *Clinical cancer research : an official journal of the American Association for Cancer Research*

  Pinato, D. J., D'Alessio, A., Fulgenzi, C. A., Schlaak, A. E., Celsa, C., Killmer, S., Blanco, J. M., Ward, C., Stikas, C., Openshaw, M. R., Acuti, N., Nteliopoulos, G., Balcells, et al

  2024

- **A synthetic biology approach to engineering circuits in immune cells.** *Immunological reviews*

  Hoces, D., Miguens Blanco, J., Hernandez-Lopez, R. A.

  2023

- **Short-chain fatty and carboxylic acid changes associated with fecal microbiota transplant communally influence microglial inflammation** *HELIYON*

Churchward, M. A., Michaud, E. R., Mullish, B. H., Blanco, J., Perez, I., Marchesi, J. R., Xu, H., Kao, D., Todd, K. G.
2023; 9 (6): e16908

- **Gut microbiota fermentation profiles of pre-digested mycoprotein (Quorn) using faecal batch cultures in vitro: a preliminary study** *INTERNATIONAL JOURNAL OF FOOD SCIENCES AND NUTRITION*
  Cherta-Murillo, A., Danckert, N. P., Valdivia-Garcia, M., Chambers, E. S., Roberts, L., Miguens-Blanco, J., McDonald, J. A. K., Marchesi, J. R., Frost, G. S.
  2023; 74 (3): 327-337

- **The impact of almonds and almond processing on gastrointestinal physiology, luminal microbiology, and gastrointestinal symptoms: a randomized controlled trial and mastication study** *AMERICAN JOURNAL OF CLINICAL NUTRITION*
  Creedon, A. C., Dimidi, E., Hung, E. S., Rossi, M., Probert, C., Grassby, T., Miguens-Blanco, J., Marchesi, J. R., Scott, S., Berry, S. E., Whelan, K.
  2022: 1790-1804