

## Hope Lancero, PhD

Life Science Rsch Prof 2, Pediatrics - Ped Stem Cell Transplantation

### Publications

---

#### PUBLICATIONS

- **THERAPY-INDUCED CHANGES BY BRAF AND MEK INHIBITORS IN BRAF V600E-MUTATED GLIOMA MODELS PROVIDE POTENTIAL NOVEL THERAPEUTIC OPPORTUNITIES**  
Park, J., Lancero, H., Nasajpour, E., Garcia, C., Prolo, L., Grant, G., Petritsch, C.  
OXFORD UNIV PRESS INC.2022: 34
- **BIOPROCESSING OF SURGICAL PEDIATRIC BRAIN TUMOR SPECIMENS FOR GENOME-GUIDED PERSONALIZED DRUG TESTING**  
Nasajpour, E., Lyle, G., Lancero, H., Garcia, C., Learned, K., Gibson, E., Tran, C., Schouten, T., Vogel, H., Mahaney, K., Prolo, L., Vaske, O., Grant, et al  
OXFORD UNIV PRESS INC.2022: 232
- **Deep Immune Profiling of an Arginine-Enriched Nutritional Intervention in Patients Undergoing Surgery** *JOURNAL OF IMMUNOLOGY*  
Aghaeepour, N., Kin, C., Ganio, E. A., Jensen, K. P., Gaudilliere, D. K., Tingle, M., Tsai, A., Lancero, H. L., Choisy, B., McNeil, L. S., Okada, R., Shelton, A. A., Nolan, et al  
2017; 199 (6): 2171–80
- **Mapping the Fetomaternal Peripheral Immune System at Term Pregnancy.** *Journal of immunology*  
Fragiadakis, G. K., Baca, Q. J., Gherardini, P. F., Ganio, E. A., Gaudilliere, D. K., Tingle, M., Lancero, H. L., McNeil, L. S., Spitzer, M. H., Wong, R. J., Shaw, G. M., Darmstadt, G. L., Sylvester, et al  
2016
- **SYSTEMS-WIDE MODULATION OF PATIENTS IMMUNE RESPONSE TO SURGERY BY PRE-OPERATIVE IMMUNE ENHANCING NUTRIENTS**  
Gaudilliere, B., Aghaeepour, N., Ganio, E., Lancero, H., Gaudilliere, D., McNeil, L., Tingle, M., Angst, M.  
LIPPINCOTT WILLIAMS & WILKINS.2016: 31–32
- **COMPLEX MODULATION OF THE IMMUNE RESPONSE TO SURGERY BY IMMUNE ENHANCING NUTRIENTS**  
Gaudilliere, B., Aghaeepour, N., Ganio, E. A., Lancero, H., McNeil, L., Tingle, M. S., Angst, M. S.  
LIPPINCOTT WILLIAMS & WILKINS.2016
- **Implementing Mass Cytometry at the Bedside to Study the Immunological Basis of Human Diseases: Distinctive Immune Features in Patients with a History of Term or Preterm Birth.** *Cytometry. Part A : the journal of the International Society for Analytical Cytology*  
Gaudilliere, B., Ganio, E. A., Tingle, M., Lancero, H. L., Fragiadakis, G. K., Baca, Q. J., Aghaeepour, N., Wong, R. J., Quintance, C., El-Sayed, Y. Y., Shaw, G. M., Lewis, D. B., Stevenson, et al  
2015; 87 (9): 817-829
- **PRE-OPERATIVE EVOKED IMMUNE RESPONSES CORRELATE WITH RECOVERY FROM SURGICAL TRAUMA**  
Gaudilliere, B., Fragiadakis, G., Ganio, E., Tingle, M., Lancero, H., Nolan, G., Angst, M.  
LIPPINCOTT WILLIAMS & WILKINS.2015: 65–66
- **Pre-operative immune signatures correlate with recovery from surgical trauma**  
Gaudilliere, B., Fragiadakis, G., Ganio, E., Tingle, M., Lancero, H., Nolan, G., Angst, M.  
AMER ASSOC IMMUNOLOGISTS.2015
- **Cyclin-dependent kinase inhibitor 2B regulates efferocytosis and atherosclerosis** *JOURNAL OF CLINICAL INVESTIGATION*  
Kojima, Y., Downing, K., Kundu, R., Miller, C., Dewey, F., Lancero, H., Raaz, U., Perisic, L., Hedin, U., Schadt, E., Maegdefessel, L., Quertermous, T., Leeper, et al  
2014; 124 (3): 1083-1097

- **RNA interference-mediated survivin gene knockdown induces growth arrest and reduced migration of vascular smooth muscle cells** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Nabzdyk, C. S., Lancero, H., Nguyen, K. P., Salek, S., Conte, M. S.  
2011; 301 (5): H1841-H1849
- **Aspirin-Triggered Lipoxin and Resolvin E1 Modulate Vascular Smooth Muscle Phenotype and Correlate with Peripheral Atherosclerosis** *AMERICAN JOURNAL OF PATHOLOGY*  
Ho, K. J., Spite, M., Owens, C. D., Lancero, H., Kroeme, A. H., Pande, R., Creager, M. A., Serhan, C. N., Conte, M. S.  
2010; 177 (4): 2116-2123
- **Cell cycle-dependent phosphorylation of human CDC5 regulates RNA processing** *CELL CYCLE*  
Graub, R., Lancero, H., Pedersen, A., Chu, M., Padmanabhan, K., Xu, X., Spitz, P., Chalkley, R., Burlingame, A. L., Stokoe, D., Bernstein, H. S.  
2008; 7 (12): 1795-1803
- **Analysing protein-protein interactions of the Myxococcus xanthus Dif signalling pathway using the yeast two-hybrid system** *MICROBIOLOGY-SGM*  
Lancero, H. L., Castaneda, S., Caberoy, N. B., Ma, X. Y., Garza, A. G., Shi, W. Y.  
2005; 151: 1535-1541
- **Characterization of a Myxococcus xanthus mutant that is defective for adventurous motility and social motility** *MICROBIOLOGY-SGM*  
Lancero, H., Caberoy, N. B., Castaneda, S., Li, Y. N., Lu, A., Dutton, D., Duan, X. Y., Kaplan, H. B., Shi, W. Y., Garza, A. G.  
2004; 150: 4085-4093
- **Mapping of Myxococcus xanthus social motility dsp mutations to the dif genes** *JOURNAL OF BACTERIOLOGY*  
Lancero, H., Brofft, J. E., Downard, J., Birren, B. W., Nusbaum, C., Naylor, J., Shi, W. Y., Shimkets, L. J.  
2002; 184 (5): 1462-1465
- **Phenotypic analyses of frz and dif double mutants of Myxococcus xanthus** *FEMS MICROBIOLOGY LETTERS*  
Shi, W. Y., Yang, Z. M., Sun, H., Lancero, H., Tong, L. M.  
2000; 192 (2): 211-215
- **Function of gingival fibroblasts and periodontal ligament cells in the presence of methyl mercaptan** *QUINTESSENCE INTERNATIONAL*  
Johnson, P. W., Lancero, H.  
1999; 30 (5): 343-349
- **The response of periodontal ligament cells to fibronectin** *JOURNAL OF PERIODONTOLOGY*  
Kapila, Y. L., Lancero, H., Johnson, P. W.  
1998; 69 (9): 1008-1019
- **Exposure of periodontal ligament cells to methyl mercaptan reduces intracellular pH and inhibits cell migration** *JOURNAL OF DENTAL RESEARCH*  
Lancero, H., Niu, J., Johnson, P. W.  
1996; 75 (12): 1994-2002