Stanford



Pam E. Rios Coronado

Bio

INSTITUTE AFFILIATIONS

- Member (Student), Cardiovascular Institute

Publications

PUBLICATIONS

- **Fibrinogen Induces Microglia-Mediated Spine Elimination and Cognitive Impairment in an Alzheimer's Disease Model.** *Neuron*
  Merlini, M., Rafalski, V. A., Rios Coronado, P. E., Gill, T. M., Ellisman, M., Muthukumar, G., Subramanian, K. S., Ryu, J. K., Syme, C. A., Davalos, D., Seeley, W. W., Mucke, L., Nelson, et al
  2019

- **Fibrin-targeting immunotherapy protects against neuroinflammation and neurodegeneration.** *Nature immunology*
  Ryu, J. K., Rafalski, V. A., Meyer-Franke, A., Adams, R. A., Poda, S. B., Rios Coronado, P. E., Pedersen, L. Ø., Menon, V., Baeten, K. M., Sikorski, S. L., Bedard, C., Hanspers, K., Bardehle, et al
  2018; 19 (11): 1212-1223

- **Nanomedicine Approaches Against Parasitic Worm Infections.** *Advanced healthcare materials*
  Li, P., Rios Coronado, P. E., Longstaff, X. R., Tarashansky, A. J., Wang, B.
  2018: e1701494

- **Fibrinogen Activates BMP Signaling in Oligodendrocyte Progenitor Cells and Inhibits Remyelination after Vascular Damage** *NEURON*
  Petersen, M. A., Ryu, J., Chang, K., Etxeberria, A., Bardehle, S., Mendiola, A. S., Kamau-Devers, W., Fancy, S. P. J., Thor, A., Bushong, E. A., Baeza-Raja, B., Syme, C. A., Wu, et al
  2017; 96 (5): 1003-+

- **Blood coagulation protein fibrinogen promotes autoimmunity and demyelination via chemokine release and antigen presentation** *NATURE COMMUNICATIONS*
  Ryu, J., Petersen, M. A., Murray, S. G., Baeten, K. M., Meyer-Franke, A., Chan, J. P., Vagena, E., Bedard, C., Machado, M. R., Coronado, P., Prod'homme, T., Charo, I. F., Lassmann, et al
  2015; 6: 8164

- **Hypoxia Inducible Factor-1 alpha in Astrocytes and/or Myeloid Cells Is Not Required for the Development of Autoimmune Demyelinating Disease** *ENEURO*
  Le Moan, N., Baeten, K. M., Rafalski, V. A., Ryu, J., Coronado, P., Bedard, C., Syme, C., Davalos, D., Akassoglou, K.
  2015; 2 (2)