Stanford

Fu Chen Yang

Physical Science Research Scientist, Chemistry

Bio

ACADEMIC APPOINTMENTS

- Physical Science Research Scientist, Chemistry

PROFESSIONAL EDUCATION

- Ph.D., National Yang-Ming University (National Yang Ming Chiao Tung University), Taiwan , Microbiology and Immunology (2019)
- M.S., National Cheng Kung University, Taiwan , Medical Laboratory Science and Biotechnology (2010)
- B.S., Ming Chuan University, Taiwan , Biotechnology (2008)

LINKS

- LinkedIn: https://www.linkedin.com/in/fuchenyang/

Publications

PUBLICATIONS

- **The TG2/LRP1 Pathway for T Cell Activation by Post-Translationally Modified Antigens.** *Immunological reviews*
  Sewa, A. S., Yang, F. C., Khosla, C.
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- **Linking post-translational modification of gluten to antigen presentation: a novel pathway for antigenic gluten presentation in celiac disease**
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- **A dendritic cell population responsible for transglutaminase 2-mediated gluten antigen presentation in celiac disease.** *JCI insight*
  Yang, F. C., Besser, H. A., Chun, H. R., Albertelli, M., Fernandez-Becker, N. Q., Jabri, B., Khosla, C.
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- **Surface TREM2 on circulating M-MDSCs as a novel prognostic factor for adults with treatment-naive diffuse large B-cell lymphoma** *EXPERIMENTAL HEMATOLOGY & ONCOLOGY*
  Wang, H., Yang, F., Yang, C., Liu, Y., Ko, P., Li, C., Tsai, C., Chung, Y., Chen, N.
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- **LRP-1 links post-translational modifications to efficient presentation of celiac disease-specific Tcell antigens.** *Cell chemical biology*
  Loppinet, E., Besser, H. A., Sewa, A. S., Yang, F., Jabri, B., Khosla, C.
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- **An oral absorbent, AST-120, restores vascular growth and blood flow in ischemic muscles in diabetic mice via modulation of macrophage transition** *JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY*
  Huang, H., Kuo, C., Chang, T., Chou, R., Chen, I., Yang, F., Chen, N., Lin, S., Wu, C., Huang, P.
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- **Upregulation of RelB in the miR-122 knockout mice contributes to increased levels of proinflammatory chemokines/cytokines in the liver and macrophages** *IMMUNOLOGY LETTERS*
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- **TREM-1-dependent M1 macrophage polarization restores intestinal epithelium damaged by DSS-induced colitis by activating IL-22-producing innate lymphoid cells** *JOURNAL OF BIOMEDICAL SCIENCE*
  Yang, F., Chiu, P., Chen, Y., Mak, T. W., Chen, N.
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- **C5L2 is required for C5a-triggered receptor internalization and ERK signaling** *CELLULAR SIGNALLING*
  Hsu, W., Yang, F., Lin, C., Hsieh, S., Chen, N.
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- **TREM-1 Promotes Survival during Klebsiella pneumoniae Liver Abscess in Mice** *INFECTION AND IMMUNITY*
  Lin, Y., Tseng, K., Yeh, Y., Yang, F., Fung, C., Chen, N.
  2014; 82 (3): 1335-1342

- **Characterization of Ertapenem-Resistant Enterobacter cloacae in a Taiwanese University Hospital** *JOURNAL OF CLINICAL MICROBIOLOGY*
  Yang, F., Yan, J., Hung, K., Wu, J.
  2012; 50 (2): 223-226

- **Prevalence and characteristics of ertapenem-nonsusceptible Escherichia coli in a Taiwanese university hospital, 1999 to 2007** *EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES*
  Yan, J. J., Wu, J. J., Lee, C. C., Ko, W. C., Yang, F. C.
  2010; 29 (11): 1417-1425