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PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , MI-PHD (2016)
- Bachelor of Arts, University of California Berkeley , Molecular and Cellular Biology (2011)

LINKS

- <http://web.stanford.edu/~gabif/>: <http://web.stanford.edu/~gabif/>
- <http://sonnenburglab.stanford.edu/>: <http://sonnenburglab.stanford.edu/>

Publications

PUBLICATIONS

- **Links between environment, diet, and the hunter-gatherer microbiome.** *Gut microbes*
Fragiadakis, G. K., Smits, S. A., Sonnenburg, E. D., Van Treuren, W., Reid, G., Knight, R., Manjurano, A., Chandalucha, J., Dominguez-Bello, M. G., Leach, J., Sonnenburg, J. L.
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- **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
- **Patient-specific Immune States before Surgery Are Strong Correlates of Surgical Recovery** *ANESTHESIOLOGY*
Fragiadakis, G. K., Gaudilliere, B., Ganio, E. A., Aghaepour, N., Tingle, M., Nolan, G. P., Angst, M. S.
2015; 123 (6): 1241-1255
- **IMMUNOLOGY. An interactive reference framework for modeling a dynamic immune system.** *Science*
Spitzer, M. H., Gherardini, P. F., Fragiadakis, G. K., Bhattacharya, N., Yuan, R. T., Hotson, A. N., Finck, R., Carmi, Y., Zunder, E. R., Fantl, W. J., Bendall, S. C., Engleman, E. G., Nolan, et al
2015; 349 (6244)
- **Clinical recovery from surgery correlates with single-cell immune signatures.** *Science translational medicine*
Gaudillière, B., Fragiadakis, G. K., Bruggner, R. V., Nicolau, M., Finck, R., Tingle, M., Silva, J., Ganio, E. A., Yeh, C. G., Maloney, W. J., Huddleston, J. I., Goodman, S. B., Davis, et al
2014; 6 (255): 255ra131-?
- **GateFinder: Projection-based Gating Strategy Optimization for Flow and Mass Cytometry.** *Bioinformatics (Oxford, England)*

Aghaeepour, N., Simonds, E. F., Knapp, D. J., Bruggner, R., Sachs, K., Culos, A., Gherardini, P. F., Samusik, N., Fragiadakis, G., Bendall, S., Gaudilliere, B., Angst, M. S., Eaves, et al
2018

- **Gut microbiome transition across a lifestyle gradient in Himalaya.** *PLoS biology*
Jha, A. R., Davenport, E. R., Gautam, Y., Bhandari, D., Tandukar, S., Ng, K. M., Fragiadakis, G. K., Holmes, S., Gautam, G. P., Leach, J., Sherchand, J. B., Bustamante, C. D., Sonnenburg, et al
2018; 16 (11): e2005396
- **Multicenter Systems Analysis of Human Blood Reveals Immature Neutrophils in Males and During Pregnancy.** *Journal of immunology*
Blazkova, J., Gupta, S., Liu, Y., Gaudilliere, B., Ganio, E. A., Bolen, C. R., Saar-Dover, R., Fragiadakis, G. K., Angst, M. S., Hasni, S., Aghaeepour, N., Stevenson, D., Baldwin, et al
2017; 198 (6): 2479-2488
- **Expression of specific inflammasome gene modules stratifies older individuals into two extreme clinical and immunological states** *NATURE MEDICINE*
Furman, D., Chang, J., Lartigue, L., Bolen, C. R., Haddad, F., Gaudilliere, B., Ganio, E. A., Fragiadakis, G. K., Spitzer, M. H., Douchet, I., Daburon, S., Moreau, J., Nolan, et al
2017; 23 (2): 174-184
- **Biosynthesis and Regulation of Sulfomenaquinone, a Metabolite Associated with Virulence in Mycobacterium tuberculosis** *ACS INFECTIOUS DISEASES*
Sogi, K. M., Holsclaw, C. M., Fragiadakis, G. K., Nomura, D. K., Leary, J. A., Bertozzi, C. R.
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- **In Reply.** *Anesthesiology*
Angst, M. S., Fragiadakis, G. K., Gaudilliere, B., Aghaeepour, N., Nolan, G. P.
2016; 124 (6): 1414-1415
- **The effect of microbial colonization on the host proteome varies by gastrointestinal location** *ISME JOURNAL*
Lichtman, J. S., Alsentzer, E., Jaffe, M., Sprockett, D., Masutani, E., Ikwa, E., Fragiadakis, G. K., Clifford, D., Huang, B. E., Sonnenburg, J. L., Huang, K. C., Elias, J. E.
2016; 10 (5): 1170-1181
- **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*
Gaudilliere, B., Ganio, E. A., Tingle, M., Lancero, H. L., Fragiadakis, G. K., Baca, Q. J., Aghaeepour, N., Wong, R. J., Quaintance, C., El-Sayed, Y. Y., Shaw, G. M., Lewis, D. B., Stevenson, et al
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- **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*
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2015; 87 (9): 817-829
- **An interactive reference framework for modeling a dynamic immune system** *SCIENCE*
Spitzer, M. H., Gherardini, P. F., Fragiadakis, G. K., Bhattacharya, N., Yuan, R. T., Hotson, A. N., Finck, R., Carmi, Y., Zunder, E. R., Fantl, W. J., Bendall, S. C., Engleman, E. G., Nolan, et al
2015; 349 (6244): 155-?
- **Transient Partial Permeabilization with Saponin Enables Cellular Barcoding Prior to Surface Marker Staining** *CYTOMETRY PART A*
Behbehani, G. K., Thom, C., Zunder, E. R., Finck, R., Gaudilliere, B., Fragiadakis, G. K., Fantl, W. J., Nolan, G. P.
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- **Transient partial permeabilization with saponin enables cellular barcoding prior to surface marker staining.** *Cytometry. Part A : the journal of the International Society for Analytical Cytology*
Behbehani, G. K., Thom, C., Zunder, E. R., Finck, R., Gaudilliere, B., Fragiadakis, G. K., Fantl, W. J., Nolan, G. P.
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- **Clinical recovery from surgery correlates with single-cell immune signatures** *SCIENCE TRANSLATIONAL MEDICINE*
Gaudilliere, B., Fragiadakis, G. K., Bruggner, R. V., Nicolau, M., Finck, R., Tingle, M., Silva, J., Ganio, E. A., Yeh, C. G., Maloney, W. J., Huddlestone, J. I., Goodman, S. B., Davis, et al

