



## Thomas Hagan

Postdoctoral Research Fellow, Immunity Transplant Infection

### Bio

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#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California San Diego (2015)
- Bachelor of Science, University of Notre Dame (2010)

#### LINKS

- Google Scholar Profile: <https://scholar.google.com/citations?user=abIUGuYAAAAJ>

### Publications

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#### PUBLICATIONS

- **Antibiotics-Driven Gut Microbiome Perturbation Alters Immunity to Vaccines in Humans.** *Cell*  
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- **Will Systems Biology Deliver Its Promise and Contribute to the Development of New or Improved Vaccines? From Data to Understanding through Systems Biology.** *Cold Spring Harbor perspectives in biology*  
Hagan, T., Pulendran, B.  
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- **Metabolic Phenotypes of Response to Vaccination in Humans** *CELL*  
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- **mTOR regulates metabolic adaptation of APCs in the lung and controls the outcome of allergic inflammation.** *Science (New York, N.Y.)*  
Sinclair, C., Bommakanti, G., Gardinassi, L., Loebbermann, J., Johnson, M. J., Hakimpour, P., Hagan, T., Benitez, L., Todor, A., Machiah, D., Oriss, T., Ray, A., Bosinger, et al  
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- **Systems Analysis of Immunity to Influenza Vaccination across Multiple Years and in Diverse Populations Reveals Shared Molecular Signatures** *IMMUNITY*  
Nakaya, H. I., Hagan, T., Duraisingham, S. S., Lee, E. K., Kwissa, M., Roupael, N., Frasca, D., Gersten, M., Mehta, A. K., Gaujoux, R., Li, G., Gupta, S., Ahmed, et al  
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- **Systems vaccinology: Enabling rational vaccine design with systems biological approaches** *VACCINE*  
Hagan, T., Nakaya, H. I., Subramaniam, S., Pulendran, B.  
2015; 33 (40): 5294–5301
- **Engineering cell-material interfaces for long-term expansion of human pluripotent stem cells** *BIOMATERIALS*  
Chang, C., Hwang, Y., Brafman, D., Hagan, T., Phung, C., Varghese, S.

