



Ian Stancil

Postdoctoral Scholar, Microbiology and Immunology

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Colorado , Cell and Developmental Biology (2022)
- Bachelors of Science, North Carolina State University , Polymer Chemistry (2016)
- Bachelors of Science, North Carolina State University , Molecular and Structural Biochemistry (2016)
- Bachelors of Science, North Carolina State University , Biological Sciences (2016)

STANFORD ADVISORS

- Helen Blau, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Interleukin-6-dependent epithelial fluidization initiates fibrotic lung remodeling.** *Science translational medicine*
Stancil, I. T., Michalski, J. E., Hennessy, C. E., Hatakka, K. L., Yang, I. V., Kurche, J. S., Rincon, M., Schwartz, D. A.
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- **Aberrant Multiciliogenesis in Idiopathic Pulmonary Fibrosis.** *American journal of respiratory cell and molecular biology*
Kim, E., Mathai, S. K., Stancil, I. T., Ma, X., Hernandez-Gutierrez, A., Becerra, J. N., Marrero-Torres, E., Hennessy, C. E., Hatakka, K., Wartchow, E. P., Estrella, A., Huber, J. P., Cardwell, et al
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- **An Airway-Centric View of Idiopathic Pulmonary Fibrosis.** *American journal of respiratory and critical care medicine*
Stancil, I. T., Michalski, J. E., Schwartz, D. A.
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- **Integrin Axis Regulates Airway Biophysical Dysfunction in Idiopathic Pulmonary Fibrosis.** *American journal of respiratory cell and molecular biology*
Stancil, I. T., Michalski, J. E., Schwartz, D. A.
2022; 66 (2): 235-237
- **Pulmonary fibrosis distal airway epithelia are dynamically and structurally dysfunctional.** *Nature communications*
Stancil, I. T., Michalski, J. E., Davis-Hall, D., Chu, H. W., Park, J. A., Magin, C. M., Yang, I. V., Smith, B. J., Dobrinskikh, E., Schwartz, D. A.
2021; 12 (1): 4566
- **In primary airway epithelial cells, the unjamming transition is distinct from the epithelial-to-mesenchymal transition.** *Nature communications*
Mitchel, J. A., Das, A., O'Sullivan, M. J., Stancil, I. T., DeCamp, S. J., Koehler, S., Ocaña, O. H., Butler, J. P., Fredberg, J. J., Nieto, M. A., Bi, D., Park, J. A.
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