



Angela Rogers

Associate Professor of Medicine (Pulmonary and Critical Care)

Medicine - Pulmonary, Allergy & Critical Care Medicine

CLINICAL OFFICE (PRIMARY)

- **Pulmonary Clinic**

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Bio

BIO

Dr. Rogers is an expert in Pulmonary and Critical Care Medicine. She has practiced in these fields for 15 years. She has a special interest in ICU medicine, with a research focus on acute respiratory failure and ARDS. She researches in blood biomarkers of these diseases, and is very active in teaching residents and fellows about critical care.

CLINICAL FOCUS

- Critical Care
- Pulmonary Disease

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Medicine - Pulmonary, Allergy & Critical Care Medicine
- Member, Bio-X
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Associate Director, Stanford Pulmonary and Critical Care Fellowship, (2015- present)
- Associate Program Director, Stanford Internal Medicine Residency, (2015- present)

HONORS AND AWARDS

- Physician of the Year, Stanford Health Care (2021)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Committee Chair-Elect, Allergy, Immunology, and Inflammation Assembly, American Thoracic Society, (2022 - present)

PROFESSIONAL EDUCATION

- Board Certification: Pulmonary Disease, American Board of Internal Medicine (2017)
- Fellowship: Massachusetts General Hosp Harvard Med School (2009) MA

- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2007)
- Residency: Brigham and Women's Hospital Harvard Medical School (2004) MA
- Internship: Brigham and Women's Hospital Harvard Medical School (2002) MA
- Medical Education: Harvard Medical School (2001) MA

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

We use genetics and genomics methodologies to identify novel ARDS pathobiology; we hope that this will enable identification of novel biomarkers, phenotypes, and treatments for the disease. We are building a plasma biobank of critically ill patients at Stanford, with a particular focus on metabolic changes in critical illness.

CLINICAL TRIALS

- ARrest RESpiraTory Failure From PNEUMONIA, Recruiting
- Crystalloid Liberal or Vasopressors Early Resuscitation in Sepsis, Recruiting
- ACTIV-3: Therapeutics for Inpatients With COVID-19, Not Recruiting
- COVID-19 Outpatient Pragmatic Platform Study (COPPS) - Acebilustat Sub-Protocol, Not Recruiting
- COVID-19 Outpatient Pragmatic Platform Study (COPPS) - Master Protocol, Not Recruiting
- Vaccination for Recovered Inpatients With COVID-19 (VATICO), Not Recruiting

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

Haley Morin

Postdoctoral Faculty Sponsor

Ana Pacheco-Navarro

Publications

PUBLICATIONS

- **Elevated Plasma Interleukin-18 Identifies High-Risk Acute Respiratory Distress Syndrome Patients not Distinguished by Prior Latent Class Analyses Using Traditional Inflammatory Cytokines: A Retrospective Analysis of Two Randomized Clinical Trials.** *Critical care medicine*
Moore, A. R., Pienkos, S. M., Sinha, P., Guan, J., O'Kane, C. M., Levitt, J. E., Wilson, J. G., Shankar-Hari, M., Matthay, M. A., Calfee, C. S., Baron, R. M., McAuley, D. F., Rogers, et al
2023
- **Evaluation of acebilustat, a selective inhibitor of leukotriene B4 biosynthesis, for treatment of outpatients with mild-moderate COVID-19 disease: A randomized, double-blind, placebo- controlled Phase 2 trial.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Levitt, J. E., Hedlin, H., Duong, S., Lu, D., Lee, J., Bunning, B., Elkarra, N., Pinsky, B. A., Heffernan, E., Springman, E., Moss, R. B., Bonilla, H. F., Parsonnet, et al
2023
- **The Association of Baseline Plasma SARS-CoV-2 Nucleocapsid Antigen Level and Outcomes in Patients Hospitalized With COVID-19.** *Annals of internal medicine*
2022
- **Cytokine profile in plasma of severe COVID-19 does not differ from ARDS and sepsis.** *JCI insight*
Wilson, J. G., Simpson, L. J., Ferreira, A., Rustagi, A., Roque, J. A., Asuni, A., Ranganath, T., Grant, P. M., Subramanian, A. K., Rosenberg-Hasson, Y., Maecker, H., Holmes, S., Levitt, et al

2020

- **A single-cell atlas of the peripheral immune response in patients with severe COVID-19.** *Nature medicine*
Wilk, A. J., Rustagi, A., Zhao, N. Q., Roque, J., Martinez-Colon, G. J., McKechnie, J. L., Ivison, G. T., Ranganath, T., Vergara, R., Hollis, T., Simpson, L. J., Grant, P., Subramanian, et al
2020
- **Association of Elevated Plasma Interleukin 18 Level With Increased Mortality in a Clinical Trial of Statin Treatment for Acute Respiratory Distress Syndrome.** *Critical care medicine*
Rogers, A. J., Guan, J., Trtchounian, A., Hunninghake, G. M., Kaimal, R., Desai, M., Kozikowski, L., DeSouza, L., Mogan, S., Liu, K. D., Matthay, M. A., Steingrub, J., Wheeler, et al
2019
- **Profiling of ARDS Pulmonary Edema Fluid Identifies a Metabolically Distinct Subset.** *American journal of physiology. Lung cellular and molecular physiology*
Rogers, A. J., Contrepois, K., Wu, M., Zheng, M., Peltz, G., Ware, L. B., Matthay, M. A.
2017: ajplung 00438 2016-?
- **Viral and Host Factors Are Associated With Mortality in Hospitalized Patients With COVID-19.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Aggarwal, N. R., Nordwall, J., Braun, D. L., Chung, L., Coslet, J., Der, T., Eriobu, N., Ginde, A. A., Hayanga, A. J., Highbarger, H., Holodniy, M., Horcajada, J. P., Jain, et al
2024
- **The Plasma Lipidomic Landscape in Patients with Sepsis due to Community-acquired Pneumonia.** *American journal of respiratory and critical care medicine*
Chouchane, O., Schuurman, A. R., Reijnders, T. D., Peters-Sengers, H., Butler, J. M., Uhel, F., Schultz, M. J., Bonten, M. J., Cremer, O. L., Calfee, C. S., Matthay, M. A., Langley, R. J., Alipanah-Lechner, et al
2024
- **IgM N-glycosylation correlates with COVID-19 severity and rate of complement deposition.** *Nature communications*
Haslund-Gourley, B. S., Woloszczuk, K., Hou, J., Connors, J., Cusimano, G., Bell, M., Taramangalam, B., Fourati, S., Mege, N., Bernui, M., Altman, M. C., Krammer, F., van Bakel, et al
2024; 15 (1): 404
- **Features of acute COVID-19 associated with post-acute sequelae of SARS-CoV-2 phenotypes: results from the IMPACC study.** *Nature communications*
Ozonoff, A., Jayavelu, N. D., Liu, S., Melamed, E., Milliren, C. E., Qi, J., Geng, L. N., McComsey, G. A., Cairns, C. B., Baden, L. R., Schaenman, J., Shaw, A. C., Samaha, et al
2024; 15 (1): 216
- **Elevated ferritin, mediated by IL-18 is associated with systemic inflammation and mortality in acute respiratory distress syndrome (ARDS).** *Thorax*
Mehta, P., Samanta, R. J., Wick, K., Coll, R. C., Mawhinney, T., McAleavey, P. G., Boyle, A. J., Conlon, J., Shankar-Hari, M., Rogers, A., Calfee, C. S., Matthay, M. A., Summers, et al
2023
- **The transcriptional and phenotypic characteristics that define alveolar macrophage subsets in acute hypoxemic respiratory failure.** *Nature communications*
Morrell, E. D., Holton, S. E., Lawrance, M., Orlov, M., Franklin, Z., Mitchem, M. A., DeBerg, H., Gersuk, V. H., Garay, A., Barnes, E., Liu, T., Peltan, I. D., Rogers, et al
2023; 14 (1): 7443
- **Right Ventricular Dysfunction Patterns Among Patients with COVID-19 in the Intensive Care Unit - a Retrospective Cohort Analysis.** *Annals of the American Thoracic Society*
Sanchez, P. A., O'Donnell, C. T., Francisco, N., Santana, E. J., Moore, A. R., Pacheco-Navarro, A., Roque, J., Lebold, K. M., Parmer, C. M., Pienkos, S. M., Celestin, B. E., Levitt, J. E., Collins, et al
2023
- **Intravenous aviptadil and remdesivir for treatment of COVID-19-associated hypoxaemic respiratory failure in the USA (TESICO): a randomised, placebo-controlled trial.** *The Lancet. Respiratory medicine*
Brown, S. M., Barkauskas, C. E., Grund, B., Sharma, S., Phillips, A. N., Leither, L., Peltan, I. D., Lanspa, M., Gilstrap, D. L., Mourad, A., Lane, K., Beitler, J. R., Serra, et al
2023

- **Multi-omic longitudinal study reveals immune correlates of clinical course among hospitalized COVID-19 patients.** *Cell reports. Medicine*
Diray-Arce, J., Fourati, S., Doni Jayavelu, N., Patel, R., Maguire, C., Chang, A. C., Dandekar, R., Qi, J., Lee, B. H., van Zalm, P., Schroeder, A., Chen, E., Konstorum, et al
2023; 101079
- **Effect of P2Y12 Inhibitors on Organ Support-Free Survival in Critically Ill Patients Hospitalized for COVID-19: A Randomized Clinical Trial.** *JAMA network open*
Berger, J. S., Neal, M. D., Kornblith, L. Z., Gong, M. N., Reynolds, H. R., Cushman, M., Althouse, A. D., Lawler, P. R., McVerry, B. J., Kim, K. S., Baumann Kreuziger, L., Solomon, S. D., Kosiborod, et al
2023; 6 (5): e2314428
- **Renin-Angiotensin System Modulation With Synthetic Angiotensin (1-7) and Angiotensin II Type 1 Receptor-Biased Ligand in Adults With COVID-19: Two Randomized Clinical Trials.** *JAMA*
Self, W. H., Shotwell, M. S., Gibbs, K. W., de Wit, M., Files, D. C., Harkins, M., Hudock, K. M., Merck, L. H., Moskowitz, A., Apodaca, K. D., Barksdale, A., Safdar, B., Javaheri, et al
2023; 329 (14): 1170-1182
- **Effect of total cholesterol and statin therapy on mortality in ARDS patients: a secondary analysis of the SAILS and HARP-2 trials.** *Critical care (London, England)*
Pienkos, S. M., Moore, A. R., Guan, J., Levitt, J. E., Matthay, M. A., Baron, R. M., Conlon, J., McAuley, D. F., O'Kane, C. M., Rogers, A. J.
2023; 27 (1): 126
- **Autoantibodies are highly prevalent in non-SARS-CoV-2 respiratory infections and critical illness.** *JCI insight*
Feng, A., Yang, E. Y., Moore, A. R., Dhingra, S., Chang, S. E., Yin, X., Pi, R., Mack, E. K., Völkel, S., Geßner, R., Gündisch, M., Neubauer, A., Renz, et al
2023; 8 (3)
- **Plasma metabolic profiling implicates dysregulated lipid metabolism and glycolytic shift in hyperinflammatory ARDS.** *American journal of physiology. Lung cellular and molecular physiology*
Alipanah-Lechner, N., Neyton, L., Mick, E., Willmore, A., Leligdowicz, A., Contrepois, K., Jauregui, A., Zhuo, H., Hendrickson, C., Gomez, A., Sinha, P., Kangelaris, K. N., Liu, et al
2023
- **The Metabolomics of Critical Illness.** *Handbook of experimental pharmacology*
Pacheco-Navarro, A. E., Rogers, A. J.
2022
- **Circulating N-formylmethionine and metabolic shift in critical illness: a multicohort metabolomics study.** *Critical care (London, England)*
Sigurdsson, M. I., Kobayashi, H., Amrein, K., Nakahira, K., Rogers, A. J., Pinilla-Vera, M., Baron, R. M., Fredenburgh, L. E., Lasky-Su, J. A., Christopher, K. B.
2022; 26 (1): 321
- **Using a 29-mRNA Host Response Classifier To Detect Bacterial Coinfections and Predict Outcomes in COVID-19 Patients Presenting to the Emergency Department.** *Microbiology spectrum*
Ram-Mohan, N., Rogers, A. J., Blish, C. A., Nadeau, K. C., Zudock, E. J., Kim, D., Quinn, J. V., Sun, L., Liesenfeld, O., Yang, S.
2022; e0230522
- **Tixagevimab-cilgavimab for treatment of patients hospitalised with COVID-19: a randomised, double-blind, phase atrial** *LANCET RESPIRATORY MEDICINE*
Holland, T. L., Ginde, A. A., Paredes, R., Murray, T. A., Engen, N., Grandits, G., Vekstein, A., Ivey, N., Mourad, A., Sandkovsky, U., Gottlieb, R. L., Berhe, M., Jain, et al
2022; 10 (10): 972-984
- **Functional, imaging, and respiratory evaluation (FIRE) of patients post-hospitalization for COVID-19: protocol for a pilot observational study.** *Pilot and feasibility studies*
Mayer, K. P., Palakshappa, J. A., Peltan, I. D., Andrew, J. S., Gundel, S. J., Ringwood, N. J., Mckeehan, J., Hope, A. A., Rogers, A. J., Biehl, M., Hayden, D. L., Caldwell, E., Mehkri, et al
2022; 8 (1): 212
- **Deconvoluting complex correlates of COVID-19 severity with a multi-omic pandemic tracking strategy.** *Nature communications*
Parikh, V. N., Ioannidis, A. G., Jimenez-Morales, D., Gorzynski, J. E., De Jong, H. N., Liu, X., Roque, J., Cepeda-Espinoza, V. P., Osoegawa, K., Hughes, C., Sutton, S. C., Youlton, N., Joshi, et al
2022; 13 (1): 5107

- **Lessons from an international trial evaluating vaccination strategies for recovered inpatients with COVID-19 (VATICO).** *Med (New York, N.Y.)*
Mylonakis, E., Lutaakome, J., Jain, M. K., Rogers, A. J., Molto, J., Benet, S., Mourad, A., Files, D. C., Mugerwa, H., Kityo, C., Kiweewa, F., Nalubega, M. G., Kitonsa, et al
2022; 3 (8): 531-537
- **Phenotypes of disease severity in a cohort of hospitalized COVID-19 patients: Results from the IMPACC study.** *EBioMedicine*
Ozonoff, A., Schaenman, J., Jayavelu, N. D., Milliren, C. E., Calfee, C. S., Cairns, C. B., Kraft, M., Baden, L. R., Shaw, A. C., Krammer, F., van Bakel, H., Esserman, D. A., Liu, et al
2022; 83: 104208
- **Anti-nucleocapsid antibody levels and pulmonary comorbid conditions are linked to post-COVID-19 syndrome.** *JCI insight*
Jia, X., Cao, S., Lee, A. S., Manohar, M., Sindher, S. B., Ahuja, N., Artandi, M., Blish, C. A., Blomkalns, A. L., Chang, I., Collins, W. J., Desai, M., Din, et al
2022; 7 (13)
- **COVID-19 Acute Respiratory Distress Syndrome: One Pathogen, Multiple Phenotypes.** *Critical care clinics*
Empson, S., Rogers, A. J., Wilson, J. G.
2022; 38 (3): 505-519
- **Sex differences in the mortality rate for coronavirus disease 2019 compared to other causes of death: an analysis of population-wide data from 63 countries.** *European journal of epidemiology*
Geldsetzer, P., Mukama, T., Jawad, N. K., Riffe, T., Rogers, A., Sudharsanan, N.
2022
- **Biochemical, biophysical, and immunological characterization of respiratory secretions in severe SARS-CoV-2 infections.** *JCI insight*
Kratovichil, M. J., Kaber, G., Demirdjian, S., Cai, P. C., Burgener, E. B., Nagy, N., Barlow, G. L., Popescu, M., Nicolls, M. R., Ozawa, M. G., Regula, D. P., Pacheco-Navarro, A. E., Yang, et al
2022; 7 (12)
- **Machine learning approaches to the human metabolome in sepsis identify metabolic links with survival.** *Intensive care medicine experimental*
Kosyakovskiy, L. B., Somerset, E., Rogers, A. J., Sklar, M., Mayers, J. R., Toma, A., Szekely, Y., Soussi, S., Wang, B., Fan, C. S., Baron, R. M., Lawler, P. R.
2022; 10 (1): 24
- **A Retrospective Analysis of Medical Student Performance Evaluations, 2014-2020: Recommend with Reservations.** *Journal of general internal medicine*
Tisdale, R. L., Filsoof, A. R., Singhal, S., Caceres, W., Nallamshetty, S., Rogers, A. J., Verghese, A. C., Harrington, R. A., Witteles, R. M.
2022
- **Baseline plasma IL-18 may predict simvastatin treatment response in patients with ARDS: a secondary analysis of the HARP-2 randomised clinical trial.** *Critical care (London, England)*
Boyle, A. J., Ferris, P., Bradbury, I., Conlon, J., Shankar-Hari, M., Rogers, A. J., O'Kane, C. M., McAuley, D. F.
2022; 26 (1): 164
- **Influence of the COVID-19 Pandemic on Author Gender and Manuscript Acceptance Rates among Pulmonary and Critical Care Journals.** *Annals of the American Thoracic Society*
Gershengorn, H. B., Vranas, K. C., Ouyang, D., Cheng, S., Rogers, A. J., Schweiger, L., Cooke, C. R., Slatore, C. G.
2022
- **The Influence of the COVID-19 Pandemic on Author Gender and Manuscript Acceptance Rates Among Pulmonary and Critical Care Journals**
Vranas, K. C., Gershengorn, H. B., Ouyang, D., Cheng, S., Rogers, A., Schweiger, L., Cooke, C. R., Slatore, C. G.
AMER THORACIC SOC.2022
- **Efficacy and safety of two neutralising monoclonal antibody therapies, sotrovimab and B212-196 plus B212-198, for adults hospitalised with COVID-19 (TICO): a randomised controlled trial** *LANCET INFECTIOUS DISEASES*
Self, W. H., Sandkovsky, U., Reilly, C. S., Vock, D. M., Gottlieb, R. L., Mack, M., Golden, K., Dishner, E., Vekstein, A., Ko, E. R., Der, T., Franzone, J., Almasri, et al
2022; 22 (5): 622-635
- **Association Between SARS-CoV-2 RNAemia and Postacute Sequelae of COVID-19.** *Open forum infectious diseases*
Ram-Mohan, N., Kim, D., Rogers, A. J., Blish, C. A., Nadeau, K. C., Blomkalns, A. L., Yang, S.
2022; 9 (2): ofab646
- **Anti-type I interferon antibodies as a cause of severe COVID-19.** *Faculty reviews*

- Fajgenbaum, D. C., Hayday, A. C., Rogers, A. J., Towers, G. J., Wack, A., Zanoni, I.
2022; 11: 15
- **Therapeutic Anticoagulation with Heparin in Critically Ill Patients with Covid-19.** *The New England journal of medicine*
REMAP-CAP Investigators, ACTIV-4a Investigators, ATTACC Investigators, Goligher, E. C., Bradbury, C. A., McVerry, B. J., Lawler, P. R., Berger, J. S., Gong, M. N., Carrier, M., Reynolds, H. R., Kumar, A., Turgeon, A. F., Kornblith, L. Z., et al
2021
 - **Therapeutic Anticoagulation with Heparin in Noncritically Ill Patients with Covid-19.** *The New England journal of medicine*
ATTACC Investigators, ACTIV-4a Investigators, REMAP-CAP Investigators, Lawler, P. R., Goligher, E. C., Berger, J. S., Neal, M. D., McVerry, B. J., Nicolau, J. C., Gong, M. N., Carrier, M., Rosenson, R. S., Reynolds, H. R., Turgeon, A. F., et al
2021
 - **Multi-omic profiling reveals widespread dysregulation of innate immunity and hematopoiesis in COVID-19.** *The Journal of experimental medicine*
Wilk, A. J., Lee, M. J., Wei, B., Parks, B., Pi, R., Martinez-Colon, G. J., Ranganath, T., Zhao, N. Q., Taylor, S., Becker, W., Stanford COVID-19 Biobank, Jimenez-Morales, D., Blomkalns, A. L., et al
2021; 218 (8)
 - **Plasma Metabolites in Early Sepsis Identify Distinct Clusters Defined by Plasma Lipids.** *Critical care explorations*
Rogers, A. J., Leligdowicz, A., Contrepois, K., Jauregui, A., Vessel, K., Deiss, T. J., Belzer, A., Liu, T., Lippi, M., Ke, S., Ross, E., Zhou, H., Hendrickson, et al
2021; 3 (8): e0478
 - **The COVID-19 Outpatient Pragmatic Platform Study (COPPS): Study design of a multi-center pragmatic platform trial.** *Contemporary clinical trials*
Bunning, B., Hedlin, H., Purington, N., Sundaram, V., Kapphahn, K., Weng, Y., Cunanan, K., Maldonado, Y., Singh, U., Khosla, C., O'Hara, R., Nicolls, M., Springman, et al
2021: 106509
 - **Prospective validation of an 11-gene mRNA host response score for mortality risk stratification in the intensive care unit.** *Scientific reports*
Moore, A. R., Roque, J., Shaller, B. T., Asuni, T., Rimmel, M., Rawling, D., Liesenfeld, O., Khatri, P., Wilson, J. G., Levitt, J. E., Sweeney, T. E., Rogers, A. J.
2021; 11 (1): 13062
 - **Integrated analysis of multimodal single-cell data.** *Cell*
Hao, Y., Hao, S., Andersen-Nissen, E., Mauck, W. M., Zheng, S., Butler, A., Lee, M. J., Wilk, A. J., Darby, C., Zager, M., Hoffman, P., Stoeckius, M., Papalexi, et al
2021
 - **Effect of Simvastatin on Mortality in ARDS Patients with Low Cholesterol: A Secondary Analysis of the HARP-2 Trial**
Pienkos, S., Moore, A. R., Guan, J., Levitt, J. E., Matthay, M. A., Choi, A. M., Baron, R. M., McAuley, D. F., O'Kane, C. M., Rogers, A. J.
AMER THORACIC SOC.2021
 - **Synthetic Siglec-9 Agonists Inhibit Neutrophil Activation Associated with COVID-19** *ACS CENTRAL SCIENCE*
Delaveris, C. S., Wilk, A. J., Riley, N. M., Stark, J. C., Yang, S. S., Rogers, A. J., Ranganath, T., Nadeau, K. C., Blish, C. A., Bertozzi, C. R., Stanford COVID-19 Biobank
2021; 7 (4): 650-657
 - **A Neutralizing Monoclonal Antibody for Hospitalized Patients with Covid-19.** *The New England journal of medicine*
Lundgren, J. D., Grund, B., Barkauskas, C. E., Holland, T. L., Gottlieb, R. L., Sandkovsky, U., Brown, S. M., Knowlton, K. U., Self, W. H., Files, D. C., Jain, M. K., Benfield, T., Bowdish, et al
2021; 384 (10): 905-914
 - **The ARREST Pneumonia (Arrest Respiratory Failure due to Pneumonia) Trial: Rationale and Design.** *Annals of the American Thoracic Society*
Levitt, J. E., Festic, E., Desai, M., Hedlin, H., Mahaffey, K. W., Rogers, A. J., Gajic, O., Matthay, M. A., ARREST Pneumonia Clinical Trial Investigators
2021
 - **SARS-CoV-2 RNAemia predicts clinical deterioration and extrapulmonary complications from COVID-19.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Ram-Mohan, N. n., Kim, D. n., Zudock, E. J., Hashemi, M. M., Tjandra, K. C., Rogers, A. J., Blish, C. A., Nadeau, K. C., Newberry, J. A., Quinn, J. V., O'Hara, R. n., Ashley, E. n., Nguyen, et al
2021
 - **What Does "ARDS" Mean during the COVID-19 Pandemic?** *Annals of the American Thoracic Society*

- Brown, S. M., Peltan, I. D., Barkauskas, C., Rogers, A. J., Kan, V., Gelijns, A., Thompson, B. T.
2021
- **Active surveillance of serious adverse events following transfusion of COVID-19 convalescent plasma.** *Transfusion*
Swenson, E., Wong, L. K., Jhaveri, P., Weng, Y., Kappagoda, S., Pandey, S., Pritchard, A., Rogers, A., Ruoss, S., Subramanian, A., Shan, H., Hollenhorst, M.
2021
 - **A Perspective on the Role of Point-of-Care "Immuno-Triaging" to Optimize COVID-19 Vaccination Distribution in a Time of Scarcity.** *Frontiers in public health*
Zhang, Y., Rogers, A., Nadeau, K., Gu, J., Yang, S.
2021; 9: 638316
 - **Effect of Hydroxychloroquine on Clinical Status at 14 Days in Hospitalized Patients With COVID-19: A Randomized Clinical Trial.** *JAMA*
Self, W. H., Semler, M. W., Leither, L. M., Casey, J. D., Angus, D. C., Brower, R. G., Chang, S. Y., Collins, S. P., Eppensteiner, J. C., Filbin, M. R., Files, D. C., Gibbs, K. W., Ginde, et al
2020; 324 (21): 2165-2176
 - **Characteristics and Outcomes of Coronavirus Disease Patients under Nonsurge Conditions, Northern California, USA, March-April 2020.** *Emerging infectious diseases*
Ferguson, J., Rosser, J. I., Quintero, O., Scott, J., Subramanian, A., Gumma, M., Rogers, A., Kappagoda, S.
2020; 26 (8)
 - **A generalizable 29-mRNA neural-network classifier for acute bacterial and viral infections.** *Nature communications*
Mayhew, M. B., Buturovic, L., Luethy, R., Midic, U., Moore, A. R., Roque, J. A., Shaller, B. D., Asuni, T., Rawling, D., Rimmel, M., Choi, K., Wacker, J., Khatri, et al
2020; 11 (1): 1177
 - **Gender Differences in Authorship of Critical Care Literature.** *American journal of respiratory and critical care medicine*
Vranas, K. C., Ouyang, D., Lin, A. L., Slatore, C. G., Sullivan, D. R., Prasad Kerlin, M., Liu, K. D., Baron, R. M., Calfee, C. S., Ware, L. B., Halpern, S., Matthay, M. A., Herridge, et al
2020
 - **Defining the features and duration of antibody responses to SARS-CoV-2 infection associated with disease severity and outcome.** *Science immunology*
Röltgen, K. n., Powell, A. E., Wirz, O. F., Stevens, B. A., Hogan, C. A., Najeeb, J. n., Hunter, M. n., Wang, H. n., Sahoo, M. K., Huang, C. n., Yamamoto, F. n., Manohar, M. n., Manalac, et al
2020; 5 (54)
 - **Association Between Peripheral Blood Oxygen Saturation (SpO₂)/Fraction of Inspired Oxygen (FiO₂) Ratio Time at Risk and Hospital Mortality in Mechanically Ventilated Patients.** *The Permanente journal*
Adams, J. Y., Rogers, A. J., Schuler, A., Marelich, G. P., Fresco, J. M., Taylor, S. L., Riedl, A. W., Baker, J. M., Escobar, G. J., Liu, V. X.
2020; 24
 - **Delving beneath the surface of hyperinflammation in COVID-19.** *The Lancet Rheumatology*
Reddy, K. n., Rogers, A. J., McAuley, D. F.
2020
 - **Prolonged Hospitalization Following Acute Respiratory Failure.** *Chest*
Marmor, M. n., Liu, S. n., Long, J. n., Chertow, G. M., Rogers, A. J.
2020
 - **Human B Cell Clonal Expansion and Convergent Antibody Responses to SARS-CoV-2.** *Cell host & microbe*
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