



Julian Barahona Correa

Postdoctoral Scholar, Immunology and Rheumatology

Bio

PROFESSIONAL EDUCATION

- Rheumatology fellowship, Pontificia Universidad Javeriana, Bogotá, Colombia (2025)
- Internal medicine residency, Pontificia Universidad Javeriana, Bogotá, Colombia (2022)
- MD, Pontificia Universidad Javeriana, Bogotá, Colombia (2016)

STANFORD ADVISORS

- Lorinda Chung, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Risk of new onset of immune-mediated diseases after SARS-CoV-2 infection: A systematic review and meta-analysis.** *Seminars in arthritis and rheumatism*
Gil, A. M., Barahona-Correa, J., Florez, J. B., Fernandez-Avila, D. G., Cucunuba, Z. M.
2025; 74: 152805
- **Nervous system involvement in ANCA-associated vasculitis: Single center experience from Latin America** *SEMINARS IN ARTHRITIS AND RHEUMATISM*
Quintero-Giraldo, L., Barahona-Correa, J., Corredor-Orlandelli, D., Garcia-Alfonso, C., Herrera-Leano, N., Fernandez-Avila, D. G.
2025; 73: 152751
- **Impact of COVID-19 Pandemic on Rheumatology Practice in Latin America** *JOURNAL OF RHEUMATOLOGY*
Fernandez-Avila, D. G., Barahona-Correa, J., Romero-Alvernia, D., Kowalski, S., Sapag, A., Cachafeiro-Vilar, A., Melendez, B., Santiago-Pastelin, C., Palleiro, D., Arrieta, D., Reyes, G., Pons-Estel, G. J., Then-Baez, et al
2021; 48 (10): 1616-1622
- **Does healthcare regime affiliation influence the clinical outcomes of patients with rheumatoid arthritis?** *CLINICAL RHEUMATOLOGY*
Barahona-Correa, J. E., Florez-Suarez, J., Coral-Alvarado, P., Mendez-Patarroyo, P., Quintana-Lopez, G.
2021; 40 (3): 877-886
- **Comparison of Plasma Cytokine Levels before and after Treatment with Rituximab in Patients with Rheumatoid Arthritis and Systemic Lupus Erythematosus-Associated Polyautoimmunity** *UNIVERSITAS MEDICA*
Barahona Correa, J., Franco Cortes, M., Angel Uribe, J., Rodriguez Camacho, L.
2018; 59 (3)
- **Mortality time frame variability in septic shock clinical trials: A systematic review** *MEDICINA INTENSIVA*
Laserna, A., Cuenca, J. A., Martin, P., Fowler, C., Barahona-Correa, J., Manjappachar, N., Fowler, C., Lopez-Olivo, M. A., Borges, M., Sprung, C. L., Nates, J. L.
2026; 50 (2)

- **Old Criteria, New Intelligence: The Evolution of ECG in Pulmonary Hypertension Diagnosis.** *Respiratory medicine*
Herrera-Leaño, N., Sahay, S., Benza, R. L., Barahona-Correa, J., Haddad, F.
2026; 108646
- **Evaluation of the concordance between clinical diagnosis and biopsy in cutaneous vasculitis.** *European journal of internal medicine*
Munoz-Delgado, D., Barahona-Correa, J., Melendrez-Vasquez, D., Cuellar-Rios, I., Rondon-Sepulveda, M., Fernandez-Avila, D. G., Bernal-Macias, S.
2025; 106550
- **Evaluation of video content quality on PCSK9 inhibitors in social media.** *Clinica e investigacion en arteriosclerosis : publicacion oficial de la Sociedad Espanola de Arteriosclerosis*
David-Pardo, D. G., Barahona-Correa, J. E., Herrera-Leaño, N. M., Calvo Betancourt, L. S., Muñoz Velandia, Ó. M., Fernández-Ávila, D. G., García Peña, Á. A.
2025; 500829
- **Mortality time frame variability in septic shock clinical trials: A systematic review.** *Medicina intensiva*
Laserna, A., Cuenca, J. A., Martin, P., Fowler, C., Barahona-Correa, J., Manjappachar, N., Fowler, C., Lopez-Olivo, M. A., Borges, M., Sprung, C. L., Nates, J. L.
2025; 502172
- **Frequency of use and annual costs of biological therapy for psoriasis in Colombia in 2019** *INTERNATIONAL JOURNAL OF DERMATOLOGY*
Fernandez-Avila, D. G., Prada-Vanegas, J. D., De la Espriella, M. C., Barahona-Correa, J. E., Charry, L. P., Cuellar, I.
2024; 63 (11): e296-e301
- **Prevalence of axial spondyloarthritis in Colombia: data from the National Health Registry 2017-2021** *CLINICAL RHEUMATOLOGY*
Barahona-Correa, J. E., Herrera-Leano, N. M., Bernal-Macias, S., Fernandez-Avila, D. G.
2024; 43 (1): 49-57
- **YouTube® as a source of information for Spanish-speaking patients with rheumatoid arthritis** *REUMATOLOGIA CLINICA*
Barahona-Correa, J. E., Rueda-Ortiz, C., Munoz, O., Garcia, A., Fernandez-Avila, D. G.
2023; 19 (10): 571-578
- **Evaluation of diuretic efficiency of intravenous furosemide in patients with advanced heart failure in a heart failure clinic** *THERAPEUTIC ADVANCES IN CARDIOVASCULAR DISEASE*
Herrera-Leano, N., Barahona-Correa, J. E., Munoz-Velandia, O., Fernandez-Avila, D. G., Marino-Correa, A., Garcia, A.
2023; 17: 17539447231184984
- **Sleep Quality, Insomnia, and Perceived Stress among Colombian Healthcare Workers during the COVID-19 Pandemic** *SLEEP SCIENCE*
Waich, A., Barahona-Correa, J., Figueredo, M., Rondon-Sepulveda, M., Ruiz, A. J., Castellanos, J., Hidalgo-Martinez, P.
2023; 16 (01): 44-50
- **Effectiveness of mobile telemonitoring applications in heart failure patients: systematic review of literature and meta-analysis** *HEART FAILURE REVIEWS*
Rebolledo Del Toro, M., Herrera Leano, N. M., Barahona-Correa, J. E., Munoz Velandia, O. M., Fernandez avila, D. G., Garcia Pena, a. A.
2023; 28 (2): 431-452
- **Comparative outcomes of direct-acting antiviral treatment in patients with HIV-Hepatitis C co-infection: insights from a single center experience in Colombia.** *Le infezioni in medicina*
Vergara-Samur, H., Martinez-Vernaza, S., De la Hoz, A., Barahona-Correa, J., Ortiz, J. P., Gualtero-Trujillo, S., Rumbo-Romero, J., Salazar, L. M., Suarez Quintero, Y., Valderrama-Beltran, S.
2023; 31 (3): 374-383
- **COVID-19 infection during blinatumomab therapy: Is safety a dilemma?** *SAGE OPEN MEDICAL CASE REPORTS*
Barahona-Correa, J. E., Rueda-Ortiz, C., Lopez, M., Gualtero, S., Arevalo-Zambrano, M.
2023; 11: 2050313X221148548
- **Prevalence of cardiovascular risk factors in a historical cohort of people living with human immunodeficiency virus during a 10-year period** *SAGE OPEN MEDICINE*
Garcia-Pena, A., Aldana, J., Botero, J., Vasquez, J., Leon, M., Rodriguez-Lugo, D., Villamil, L., Barahona-Correa, J. E., Tamara, J.
2023; 11: 20503121231166647

- **High-Flow Oxygen Therapy for Severe Hypoxemia: Moving toward a More Inclusive Definition of Acute Respiratory Distress Syndrome** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Barahona-Correa, J. E., Laserna, A., Fowler, C., Esquinas, A.
2022; 206 (4): 514-515
- **High-Flow Nasal Cannula in COVID-19 Pneumonia: Practical Issues** *CRITICAL CARE MEDICINE*
Laserna, A., Barahona-Correa, J. E., Papadakos, P., Esquinas, A.
2022; 50 (6): E591-E592
- **Impact of COVID-19 pandemic on patients with rheumatic diseases in Latin America** *RHEUMATOLOGY INTERNATIONAL*
Fernandez-Avila, D. G., Barahona-Correa, J., Romero-Alvernia, D., Kowalski, S., Sapag, A., Cachafeiro-Vilar, A., Melendez, B., Pastelin, C., Palleiro, D., Arrieta, D., Reyes, G., Pons-Estel, G. J., Then-Baez, et al
2022; 42 (1): 41-49
- **Renal Amyloidosis and Crohn Disease** *OCHSNER JOURNAL*
Barahona-Correa, J. E., Morales, S., Andrade-Perez, R., Hani, A.
2021; 21 (3): 291-295
- **Epidemiology of Candidemia at a University Hospital in Colombia, 2008-2014** *UNIVERSITAS MEDICA*
Esteban Barahona-Correa, J., Gabriela Calvo-Valderrama, M., Marcela Romero-Alvernia, D., Angulo-Mora, J., Fernanda Alarcon-Figueroa, L., Nelcy Rodriguez-Malagon, M., Ricardo Garzon-Herazo, J.
2019; 60 (1)
- **Treatment of the <i>Helicobacter pylori</i> Infection: A Critical Appraisal of the Literature** *UNIVERSITAS MEDICA*
Laserna, A., Barahona-Correa, J. E., Helena Alba, L.
2018; 59 (3)
- **Mixed Malaria: Regarding the Diagnosis of a Case in a Non-Endemic Zone** *UNIVERSITAS MEDICA*
Barahona-Correa, J. E., Jimenez, A., de Castro, M., Carlos Lopez, J.
2018; 59 (2)
- **Economic impact of dengue fever in Latin America and the Caribbean: a systematic review** *REVISTA PANAMERICANA DE SALUD PUBLICA-PAN AMERICAN JOURNAL OF PUBLIC HEALTH*
Laserna, A., Barahona-Correa, J., Baquero, L., Castaneda-Cardona, C., Rosselli, D.
2018; 42: e111
- **Sleep disturbances, academic performance, depressive symptoms and substance use among medical students in Bogota, Colombia** *SLEEP SCIENCE*
Esteban Barahona-Correa, J., Diego Aristizabal-Mayor, J., Lasalvia, P., Ruiz, A. J., Hidalgo-Martinez, P.
2018; 11 (4): 260-268
- **Pen Devices for Insulin Self-Administration Compared With Needle and Vial: Systematic Review of the Literature and Meta-Analysis.** *Journal of diabetes science and technology*
Lasalvia, P., Barahona-Correa, J. E., Romero-Alvernia, D. M., Gil-Tamayo, S., Castaneda-Cardona, C., Bayona, J. G., Triana, J. J., Laserna, A. F., Mejia-Torres, M., Restrepo-Jimenez, P., Jimenez-Zapata, J., Rosselli, D.
2016; 10 (4): 959-66