

Daniel Mendoza, M.D., Ph.D.

Personal Information

Legal surname Mendoza Requena
Address 2700 Cullen Blvd, #841696, Pearland, TX 77584
Phone 281-858-3904
Fax 844-704-4418
E-mail daniel@expertid.org

Education

2013-2017 Ph.D., Clinical Investigation, Baylor College of Medicine, Houston, TX
1992-2000 M.D., Universidad Peruana Cayetano Heredia, Lima, Peru

Post-Graduate Training and Fellowships

2008-2012 **Infectious Disease Research Fellow**, HIV-Specific Immunity Section,
National Institute of Allergy and Infectious Diseases, NIH, Bethesda, MD
2007-2009 **Infectious Disease Clinical Fellow**, National Institutes of Health (NIH),
Bethesda, MD
2004-2007 **Internal Medicine Resident**, University of Alabama at Birmingham,
Birmingham, AL

Professional Licensure

2015-Present Texas Medical License, #Q2927
2018-Present Florida Medical Doctor Expert Witness Certificate, #MEEW6105

Certifications

2018-Present Certified in Health Care Quality and Management (CHCQM), American
Board of Quality Assurance and Utilization Review Physicians
2018-Present Diplomate in Internal Medicine and Infectious Diseases, National Board of
Physicians and Surgeons
2018-2020 Peer Reviewer, Physicians' Review Network
2009-Present Diplomate in Infectious Disease, American Board of Internal Medicine
2007-Present Diplomate in Internal Medicine, American Board of Internal Medicine

Professional Experience

- 06/2018-Present **Expert panelist**, internal medicine – infectious disease, Texas Medical Board. I review the standard of care provided by physicians in Texas.
- 03/2018-Present **File reviewer**, internal medicine – infectious disease. I perform utilization reviews, chart reviews and disability reviews.
- 04/2015-Present **Infectious Disease Consultant**, Houston, TX. I provide consult services on infectious disease issues to physicians in private practice. The practice has been named Arigend Health, PLLC since 2019.
- 08/2019-04/2023 **Adjunct Assistant Professor of Medicine**, Section of Infectious Diseases, Baylor College of Medicine, Houston, TX. Clinical education of medical students, internal medicine residents and infectious disease fellows.
- 10/2012-07/2019 **Assistant Professor of Medicine**, Section of Infectious Diseases, Baylor College of Medicine, Houston, TX. Clinical education and supervision of medical students, internal medicine residents and infectious disease fellows.
- 12/2017-06/2019 **Academic Advisor**, Section of Infectious Diseases, Baylor College of Medicine, Houston, TX. Provided career advice and mentorship to infectious disease fellows.
- 10/2012-06/2019 **Staff Physician**, Michael E. DeBakey VA Medical Center, Houston, TX. Clinical care to veterans in the internal medicine ward and infectious disease consult service. Primary care doctor for HIV-infected patients in clinic.
- 01/2015-01/2019 **Director of Journal Club**, Section of Infectious Diseases, Baylor College of Medicine, Houston, TX. Responsible for guiding journal club, an academic activity that educates infectious disease fellows and faculty on the latest advances in infectious diseases.
- 07/2008-08/2012 **Research Fellow**, HIV-Specific Immunity Section, National Institutes of Health, Bethesda, MD. Studied the mechanisms of immune control against HIV infection.
- 07/2007-06/2009 **Infectious Disease Fellow**, National Institutes of Health, Bethesda, MD.
- 02/2002-06/2004 **Research Assistant**, NGO AB-Prisma - Johns Hopkins University, Lima, Peru. Elaborated and analyzed two databases: 1) a cohort of subjects with tuberculosis to assess the performance of a new rapid diagnostic assay for tuberculosis; 2) a cohort of subjects with gastric cancer in Peru to determine the prevalence of this cancer over a period of 15 years.

- 02/2002-06/2004 **Research Assistant**, *Instituto Nacional de Salud*, Lima, Peru. Designed and analyzed interventions to control endemic infections, such as malaria, tuberculosis and *Helicobacter pylori* infection, in Peru.
- 09/2000-01/2002 **Primary Care Physician**, Nueva Cajamarca Hospital, San Martin, Peru. Provided clinical care to children and adults in a hospital located in the Amazon jungle.
- 04/2000-09/2000 **Research Assistant**, Universidad Peruana Cayetano Heredia, Lima, Peru. Worked in public health interventions against tuberculosis and malaria.

Awards and Honors

- 2023 Physician of the Year 2022 (private practice). HCA Houston Healthcare Pearland Hospital, Pearland, TX.
- 2017 Minority HIV Investigator Mentoring Program Award. AIDS Clinical Trials Group, National Institute of Allergy and Infectious Diseases.
- 2016 Early Career Investigator Travel Award. "Dendritic Cell Responses to Pneumococcal Vaccines are Impaired in HIV+ Subjects." HIV Persistence: Pathogenesis and Eradication. Keystone Symposia, Olympic Valley, CA.
- 2015 Early Career Faculty Travel Grant. American Association of Immunologists.
- 2014 ICAAC Young Investigator Award. American Society for Microbiology.
- 2014 Keystone Symposia Early Career Investigator Travel Award. "The Modes of Action of Vaccine Adjuvants." Seattle, WA.
- 2012 Fellows Award for Research Excellence 2013. "Cytotoxicity Capacity of SIV-Specific CD8⁺ T Cells Against Primary Autologous Targets Correlates with Immune Control in SIV-Infected Rhesus Macaques." National Institutes of Health, Bethesda, MD.
- 2011 Performance Award. National Institutes of Health, Bethesda, MD.
- 2007 Thomas N. James Award for Excellence in Research by a Resident. Honorable Mention for the study: "Variation in the Prevalence of Gastric Cancer in Peru." University of Alabama at Birmingham, AL.
- 2003 Fifth National Award for the Best Health Investigation. First place: "7 versus 10-day treatment of *Helicobacter pylori* Infection with Omeprazole, Amoxicillin and Clarithromycin, and its Genetic Characterization." Lima, Peru.
- 2003 First place in a research contest organized by the Peruvian Government (CONCYTEC). "*Helicobacter pylori* Infection and its Relationship to Drinking Water in Lima, Peru." Lima, Peru.
- 1991 First place in admission to Medical School. Universidad Peruana Cayetano Heredia. Lima, Peru.

Professional Society Memberships

1. Diplomate, American Board of Quality Assurance and Utilization Review Physicians
2. Member, Infectious Diseases Society of America
3. Member, American Society for Microbiology
4. Member, American Medical Association
5. Member, Texas Medical Association
6. Member, Harris County Medical Society
7. Member, European Society of Clinical Microbiology and Infectious Diseases
8. Member, American Association for the Advancement of Science

Presentations

1. "Monkeypox." Presentation to the medical staff of HCA Houston Healthcare Pearland Hospital, 2022, Pearland, TX.
2. "Urinary Tract Infections." Presentation to the nurses of Encompass Health Rehabilitation Hospital of Pearland, 2022, Pearland, TX.
3. "Molnupiravir for Oral Treatment of Covid-19 in Nonhospitalized Patients." Infectious Diseases Journal Club. Baylor College of Medicine, 2022, Houston, TX.
4. "Urinary Tract Infections." Presentation to the hospitalist service of Memorial Hermann Pearland and Southeast Hospitals, 2021, Pearland, TX.
5. "Repurposed Antiviral Drugs for Covid-19 – Interim WHO Solidarity Trial Results." Infectious Diseases Journal Club. Baylor College of Medicine, 2021, Houston, TX.
6. "Vaccines Against Coronavirus Disease 2019 (COVID-19)." School Health Advisory Council Meeting. Galena Park Independent School District, 2020. Houston, TX.
7. "Leptospirosis." Core Curriculum Lecture. Section of Infectious Diseases, Department of Medicine, Baylor College of Medicine, 2019. Houston, TX.
8. "HIV Pre-Exposure Prophylaxis." Noon Lecture Series, Infectious Disease Clinic, Michael E. DeBakey VA Medical Center, 2018. Houston, TX.
9. "Duration of antibiotic treatment for pneumonia, intra-abdominal infections and pyelonephritis." Infectious Diseases Journal Club. Baylor College of Medicine, 2018, Houston, TX.
10. "HIV Prevention for the Primary Care Provider." Grand Rounds, Michael E. DeBakey VA Medical Center, 2018. Houston, TX.

11. "Fever in a Patient with Cirrhosis." Citywide Infectious Diseases Conference. Baylor College of Medicine, 2018. Houston, TX.
12. "Recent Papers that may Change Clinical Practice in Infectious Diseases." Grand Rounds, Michael E. DeBakey VA Medical Center, 2015. Houston, TX.
13. "Dendritic Cell Responses to Pneumococcal Vaccines are Impaired in HIV-Infected Subjects on Antiretroviral Therapy." Annual Center for AIDS Research Meeting, 2015. Seattle, WA.
14. "Human Dendritic Cells Induce B-cell Responses to Polysaccharide Antigens." Session: Glycans in Vaccine Development and the Immune System. American Society for Biochemistry and Molecular Biology Annual Meeting, 2014. San Diego, CA.
15. "Bacterial Endocarditis – Prevention and Treatment." Section of Infectious Diseases, Department of Medicine, Baylor College of Medicine, 2013. Houston, TX.
16. "Update on Skin and Soft-Tissue Infections." Grand Rounds, Michael E. DeBakey VA Medical Center, 2012. Houston, TX.
17. "Cytotoxicity Capacity of SIV-Specific CD8⁺ T Cells Against Primary Autologous Targets Correlates with Immune Control in SIV-Infected Rhesus Macaques." AIDS Vaccine Conference, 2011. Bangkok, Thailand.

Committee Memberships

National:

- | | |
|--------------|--|
| 2018-Present | Infectious Diseases Society of America's Journal Club |
| 2017-2018 | End-Organ Disease / Inflammation Transformative Science Group, AIDS Clinical Trials Group, National Institute of Allergy and Infectious Diseases |
| 2017-2018 | Underrepresented Populations Committee, AIDS Clinical Trials Group, National Institute of Allergy and Infectious Diseases |

State / local:

- | | |
|--------------|--|
| 2022-Present | Chair, Antimicrobial Stewardship and Infection Control Programs, HCA Houston Healthcare Pearland, TX |
| 2020-2022 | Antimicrobial Stewardship Program, HCA Houston Healthcare Pearland Hospital, Pearland, TX |
| 2019-Present | Medical Quality Review Panel, Division of Worker's Compensation, Texas Department of Insurance |
| 2014-2019 | Subcommittee on Research Safety, Michael E. DeBakey VA Medical Center, Houston, TX |

Selected Publications in Peer-Reviewed Journals

1. Patamawenu AA, Wright NE, Shofner T, Evans S, Manion MM, Doria-Rose N, Migueles SA, **Mendoza D**, Peterson B, Wilhelm C, Rood J, Berkley A, Cogliano NA, Liang CJ, Cogliano NA, Liang CJ, Tesselaar K, Miedema F, Bess Jr. J, Lifson J, Connors M. Toll-Like Receptor 7-Adapter Complex Modulates Interferon- α Production in HIV-Stimulated Plasmacytoid Dendritic Cells. *PLoS ONE* 2019; 14: e0225806.
2. Marcantonio YC, Kulkarni PA, Sachs S, Ting K, Lee J, **Mendoza D**. Disseminated *Pasteurella multocida* Infection: Cellulitis, Osteomyelitis and Myositis. *ID Cases* 2017; 10: 68-70.
3. De La Rosa I, Munjal IM, Rodriguez-Barradas M, Yu X, Pirofski LA, **Mendoza D**. Protease Inhibitors do not Affect Antibody Responses to Pneumococcal Vaccination. *Clinical & Vaccine Immunology* 2016; 23: 524-9.
4. Migueles SA*, **Mendoza D***, Zimmerman MG, Martins KM, Toulmin SA, Kelly EP, Peterson BA, Johnson SA, Galson E, Poropatich KO, Patamawenu A, Imamichi H, Ober A, Rehm CA, Jones S, Hallahan CW, Follmann DA, Connors M. CD8+ T-Cell Cytotoxic Capacity Associated with Human Immunodeficiency Virus-1 Control can be Mediated Through Various Epitopes and Human Leukocyte Antigen Types. *EBioMedicine* 2015; 2: 46-58. *Equal contribution.
5. Rodriguez-Barradas MC, Serpa JA, Munjal I, **Mendoza D**, Rueda AM, Mushtaq M, Pirofski LA. Quantitative and Qualitative Antibody Responses to Immunization with the Pneumococcal Polysaccharide Vaccine in HIV-Infected Patients after Initiation of Antiretroviral Treatment: Results from a Randomized Clinical Trial. *Journal of Infectious Diseases* 2015; 211: 1703-11.
6. Krishnan S, Wilson E, Sheikh V, Rupert A, **Mendoza D**, Yang J, Lempicki R, Migueles SA, Sereti I. Evidence for Innate System Activation in HIV-1 Infected Elite Controllers. *Journal of Infectious Diseases* 2014; 209: 931-9.
7. **Mendoza D**, Johnson SA, Peterson BA, Doria-Rose NA, Franchini G, Schneider D, Trivett MT, Trubey CM, Coalter V, Rakasz E, Watkins D, Lifson JD, Migueles SA, Connors M. Cytotoxicity Capacity of SIV-Specific CD8⁺ T Cells Against Primary Autologous Targets Correlates with Immune Control in SIV-Infected Rhesus Macaques. *PLoS Pathogens* 2013; 9(2): e1003195.
8. **Mendoza D**, Johnson SA, Peterson BA, Natarajan V, Dewar RL, Burbelo PD, Doria-Rose NA, Graf EH, Greenwald JH, Hodge JN, Thompson WL, Cogliano NA, Chairez CL, Rehm CA, Jones S, Hallahan CW, Kovacs JA, Sereti I, Sued O, Peel SA, O'Connell RJ, O'Doherty U, Chun TW, Connors M, Migueles SA. Comprehensive Analysis of Unique Cases with Extreme Control over HIV Replication. *Blood* 2012; 119: 4645-55.
9. **Mendoza D**, Royce C, Ruff LE, Ambrozak DR, Quigley MF, Dang T, Venturi V, Price DA, Douek DC, Migueles SA, Connors M. HLA B*5701⁺ Long-Term Nonprogressors / Elite Controllers are not Distinguished from Progressors by the Clonal Composition of HIV-Specific CD8⁺ T-Cells. *Journal of Virology* 2012; 86: 4014-8.

10. Migueles SA, Rood JE, Berkley AM, Guo T, **Mendoza D**, Patamawenu A, Hallahan CW, Cogliano NA, Frahm N, Duerr A, McElrath MJ, Connors M. Trivalent Adenovirus Type 5 HIV Recombinant Vaccine Primes for Modest Cytotoxic Capacity that is Greatest in Humans with Protective HLA class I Alleles. *PLoS Pathogens* 2011; 7(2): e1002002.
11. Sobanko JF, Freeman AF, Palmore TN, **Mendoza D**, Lee R, Cowen EW. A Sri Lankan Woman with Rheumatoid Arthritis and Anesthetic Plaques. *Journal of the American Academy of Dermatology* 2009; 60: 1018-21.
12. **Mendoza D**, Connors S, Lane C, Stehnach S. Liposomal Amphotericin B as a Cause of Pseudohyperphosphatemia. *Clinical Infectious Diseases* 2008; 46: 645-646.
13. **Mendoza D**, Herrera P, Gilman RH, Lanfranco J, Tapia M, Bussalleu A, Tenorio JH, Guillén-Rodríguez CE, Arróspide MT, Piscocoya A, Rosas-Aguirre A, Watanabe-Yamamoto J, Ferrufino JC, Scavino Y, Ramírez-Ramos A. Variation of the Prevalence of Gastric Cancer in Peru. *International Journal of Cancer* 2008; 123: 414-420.
14. Ramírez-Ramos A, Watanabe-Yamamoto J, Takano-Morón J, Gilman RH, Recavarren Arce S, Arias-Stella J, Yoshiwara-Wakabayashi E, Rodríguez-Ulloa C, Miyagui-Maeda J, Chinga-Alayo E, **Mendoza D**, Leey-Casella J, Rosas-Aguirre A, Velapatiño-Cochachi B, Guerra-Valencia D. Decrease in Prevalence of Peptic Ulcer and Gastric Adenocarcinoma at the Policlinico Peruano-Japones, Lima, Peru, between the years 1985 and 2002. Analysis of 31,446 patients. *Acta Gastroenterologica Latinoamericana* 2006; 36: 139-146.
15. Ramírez-Ramos A, Gilman RH, Watanabe-Yamamoto J, Takano-Morón J, Arias-Stella J, Yoshiwara-Wakabayashi E, Rodríguez-Ulloa C, Miyagui-Maeda J, Velapatiño-Cochachi B, **Mendoza D**, Chinga-Alayo E, Leey-Casella J, Guerra-Valencia J, Otoyá-Calle C, Segovia-Castro MC. Comparison of the Prevalence of *Helicobacter pylori* Stomach Infection in Peruvian and Japanese Population. *Acta Gastroenterologica Latinoamericana* 2005; 35: 219-224.
16. Moore DA, **Mendoza D**, Gilman RH, Evans CA, Hollm Delgado MG, Guerra J, Caviedes L, Vargas D, Ticona E, Ortiz J, Soto G, Serpa J; Tuberculosis Working Group in Peru. Microscopic Observation Drug Susceptibility Assay, a Rapid, Reliable Diagnostic test for Multidrug-Resistant Tuberculosis Suitable for Use in Resource-Poor Settings. *Journal of Clinical Microbiology* 2004; 42: 4432-4437.
17. Soto-Tarazona A, Solari-Zerpa L, **Mendoza D**, Llanos-Cuentas A, Magill A. Evaluation of the Rapid Diagnostic test OptiMAL for Diagnosis of Malaria due to *Plasmodium vivax*. *Brazilian Journal of Infectious Diseases* 2004; 8:151-155.

Reviews and Book Chapters

1. Ramírez-Ramos A, Leey-Casella J, **Mendoza D**, Guerra-Valencia J. *H. pylori* in Peru. Epidemiology - Diagnosis - Treatment. Experience in Peru. *Diagnóstico* 2003; 42: 23-37.

2. Ramírez-Ramos A, **Mendoza D**, Leey-Casella J, Guerra-Valencia J. Study of *Helicobacter pylori* in Peru. *Revista Peruana de Medicina Experimental y Salud Publica* 2002; 19: 209-214.
3. **Mendoza D**. Novel concepts in the management of abdominal infections. In: Advances in Gastroenterology. Bussalleu-Rivera A, Ramirez-Ramos A, Tagle-Arrospide M, Eds. Lima, Peru. 2008.
4. **Mendoza D**. *Helicobacter pylori* and diseases of the esophagus, stomach and duodenum. In: *Helicobacter pylori* in Peru. Ramirez-Ramos A, Gilman RH, Eds. Lima, Peru. 2003.