

CARLOS G. SANCHEZ SERGENTON, MD
Villa Los Olmos #24, 1st Street
San Juan, Puerto Rico 00927

CURRICULUM VITAE

EDUCATIONAL BACKGROUND

COLLEGE:

University of Puerto Rico, Rio Piedras Campus, San Juan, Puerto Rico
August 1965 - May 1969.
Degree : BS in Chemistry

University of Puerto Rico, Graduate School Chemistry, Aug. 1969 - May 1970 SCHOOL

OF MEDICINE:

University of Puerto Rico School of Medicine, Medical Sciences Campus
San Juan, Puerto Rico. August 1970 - May 1974 Degree Medical Doctor

INTERNSHIP:

University District Hospital, University of Puerto Rico School of Medicine Puerto Rico
Medical Center, San Juan, Puerto Rico. July 1, 1976 - June 30, 1977 Categorical,
Internal Medicine

RESIDENCY:

University District Hospital, University of Puerto Rico School of Medicine Puerto
Rico Medical Center, San Juan, Puerto Rico. July 1, 1977 - June 30, 1979 Internal
Medicine Specialty

FELLOWSHIP:

Martin Luther King, Jr. General Hospital, University of California at Los Angeles
and Charles R. Drew Postgraduate Medical School. Los Angeles, California.
July 1, 1979 - June 30, 1981 Infectious Diseases Subspecialty

MEDICAL LICENSES:

California A35951 (Active)
Puerto Rico 6100(Active)
Florida ME 0060420 (Inactive)

Languages: Fluent in English and Spanish

Board Certifications

American Board of Internal Medicine, Internal Medicine- September 1983 American Board of Internal Medicine Infectious Diseases-November 1984

ACADEMIC APPOINTMENTS:

Clinical Instructor Ad Honorem , UPR School of Medicine, Department of Internal Medicine. 1979 - 1980.

Assistant Professor UPR School of Medicine, Department of Internal Medicine, Section of Infectious Diseases. July 1, 1981- June 30, 1986.

Associate Professor UPR School of Medicine, Department of Internal Medicine, Section of Infectious Diseases. July 1, 1986 - June 30 1998.

Professor of Medicine, UPR School of Medicine, Department of Internal Medicine, Section of Infectious Diseases. July 1, 1998 – April 24, 2022 (present).

OTHER APPOINTMENTS:

Director, Infectious Diseases Section, UPR School of Medicine. March 1997 to April 24, 2022 (present)

Director, Infectious Diseases Section , University Hospital. March 1997 to April 24, 2022 (present)

Consultant in Infectious Diseases and Member, Central Committee of Puerto Rico Foundation for Medical Care 1984-1995.

Consultant in Infectious Diseases "Hospital Auxilio Mutuo" San Juan, PR 1990 – April 11 2014

Consultant in Infectious Diseases, Puerto Rico Cardiovascular Center. November 1993 to June 2013 .

President, Infection Control Committee, University Hospital, UPR School of Medicine. September 1982 to September 1987.

Medical Expert Social Security Administration For ALJ Hearings 1995 to 2004, Infectious Diseases and Internal Medicine

PROFICIENT IN LABORATORY METHODOLOGY FOR

Experience: Worked during two years at the Infectious Diseases section research laboratory at Martin Luther King Jr General Hospital, UCLA & Charles R. Drew School of Medicine and during this time I was in charge of training the laboratory personnel in the methodology that is described below.

Aerobic and anaerobic bacteriology methods

Methods of transportation, culture, isolation and identification of microorganisms by conventional methods and gas-liquid chromatography.

Antibiotic susceptibility testing of aerobic and anaerobic organisms by broth dilution and agar dilution.

Organic and inorganic chemical analysis and methods of chemical instrumentation including visible, infrared and ultraviolet spectrophotometry, thin layer chromatography, column chromatography, gas-liquid chromatography and high pressure liquid chromatography.

Antibiotic levels determination by bioassay and analytical methods.

LECTURES/SEMINARS (AS INVITED SPEAKER)::PARTIAL LIST

Approach to the Management of Infection in the Immunocompromised Host. Hematology Section, University Hospital. Rio Piedras, PR March 30, 1984

Acquired Immunodeficiency Syndrome. Puerto Rico Medical Center, San Juan, PR. April 6, 1984.

The Management of Anaerobic Infections. Department of Obstetrics and Gynecology. University Hospital, San Juan, PR. April 19, 1984

Use of the Anti-Pseudomonas Penicillins. Caguas Regional Hospital, Caguas, PR. April 26, 1984

Management of Intra-abdominal Infections. Caguas Regional Hospital, Caguas, PR. May 21, 1984

Therapeutics aspects of the Penicillin Antibiotics. Hospital del Maestro, San Juan, PR. May 30, 1984

Clinical Aspects of Hepatitis. Mayaguez Medical Center, Mayaguez, PR. June 4, 1984 *Clinical*

Aspects of Hepatitis. Hospital Auxilio Mutuo, Hato Rey, PR. June 5, 1984

Clinical Aspects of Hepatitis Active and Passive Immunizations. Hospital de Damas, Ponce, PR. June 6, 1984

Use of Cephalosporin Antibiotics. Caguas, PR. August 10, 1984

Parenteral Antibiotics and Bacterial Resistance. Aguadilla District Hospital, Aguadilla, PR. August 17, 1984

Approach to Fever in an Immunosuppressed Host. Sociedad Medica del Este, Humacao, PR. August 18, 1984

Management of the Patient in Septic Shock. University Hospital, San Juan, PR. August 20, 1984 *Antibiotic*

Therapy-Use and Abuse. Fajardo District Hospital, Fajardo, PR, August 31 1984

Sepsis by Gram -- Bacilli. University Hospital, San Juan, PR, San Juan, PR. September 5, 1984 *Central*

Nervous System Infections. Arecibo, P.R., October 24, 1984

Current Concepts in the Diagnosis, Management and Prevention of Hepatitis. San Rafael Hospital, Caguas, PR. November 26, 1984

Current Concepts in Management and Prevention of Meningitis; Current Concepts in the Epidemiology; Management and Prevention of Hepatitis; Nosocomial Infections Seminar. University Hospital, San Juan, PR. March 21, 1985

Cephalosporins, Indications in Prophylaxis and Therapy. Spanish American Medical Association, North Bergen, New Jersey. April 27, 1985

Use of Antibiotics-Beta Lactam Agents. University Hospital, San Juan, PR. San Juan, PR. May 22 1,985

Use of Antibiotics Aminoglycosides, Macrolides, Vancomycin, Tetracyclines and Sulfonamides. University Hospital, San Juan, PR. August 31, 1984,

Management of Pneumonic Processes. Arecibo District Hospital, Arecibo, PR. June 25, 1985

Cephalosporins. Hospital del Maestro San Juan, PR. August 30, 1985

Antibiotics and Mechanisms of Host Defenses. Ponce, PR. September 18, 1985

Use of Cephalosporins, Pharmacokinetics, Spectrum and Indications. Hospital San Jorge

San Juan, PR. November 5, 1985

Therapeutic Aspects in the Management of Pneumonic Processes. Caguas Regional Hospital. Caguas, P.R. November 6, 1985

Current Concepts Immunizations. Puerto Rico Medical Association Annual Meeting San Juan, PR. November 10, 1985

Aminoglycosides Therapeutic Considerations. Oncologic Hospital, San Juan, PR. Nov. 15, 1986 *Host*

Defenses and Infections. Mayaguez Medical Center, Mayaguez, PR. November 20, 1986

Newer concepts of viral hepatitis. Arecibo District Hospital, Arecibo, PR. February 6, 1986

Clinical Use of Cephalosporins. Hospital del Maestro, San Juan, PR. February 7, 1986

Nosocomial Pneumonias. Selected Topics in Internal Medicine I, University Hospital, San Juan, PR. June 25, 1985, August 30, 1985, September 18, 1985, November 5, 1985, November 6, 1985, November 20, 1985, February 6, 1986, February 7, 1986, March 9, 1986

Newer concepts of antibiotic therapy. Hospital del Maestro, San Juan, PR. March 11, 1986

Approach to the Immunosuppressed Host with infection. Caguas Regional Hospital, Caguas, PR. March 14, 1986

The new antibiotlcs. Sociedad Medica del Sur, Ponce, PR. March 20, 1986

Antibiotic Therapy and Host Defenses. San Juan City Health Center, Physicians Meeting. San Juan, PR. March 20, 1986
Concepts in the Therapeutic Use of Cephalosporins. Selected Topics In Medicine II, Medical Sciences Campus, San Juan, PR. April 6, 1986

Use and Misuse of Antibiotics. Puerto Rico Medical Center, San Juan, PR. April 8, 1986

Nosocomial Pneumonias. Caguas Regional Hospital, Caguas, PR. April 14, 1986 *The New Beta*

Lactam Agents. San Juan City Hospital, San Juan, PR. June 10, 1986

The Penicillins, Carolina Area Hospital, Carolina, PR. July 1, 1986

Advances in Antibiotic Therapy. Carolina Regional Hospital, Carolina, PR. March 14, March 20, March 30, 1986; April 6, 1986, April 8, 1986, April 14, 1986, June 10, 1986, July 1, 1986, July

Newer Concepts of Antibiotic Therapy. Mayaguez Medical Center, Mayaguez, PR. Aug 25, 1986
Conferencia del Caribe en Medicina, Diagnostics- Avances en el Tratamiento de las Infecciones Urinarias. San Juan, PR. April 14, 1987

AIDS, Diagnosis and Management. Casa del Medico, Ponce, PR. February 17, 1988 *AIDS,*

Clinical Aspects of Opportunistic Infections. San Juan, PR. March 3, 1988

Use of the New Beta Lactam Antibiotics. Sunshine Seminar on Advances in Obstetrics and Gynecology. San Juan, PR. February 11, 1989

The New Beta Lactam Antibiotics. American College of Surgeons 39th, Annual Meeting. San Juan, PR. February 24, 1989

Advances In the Management of Surgical Infections. Meeting of the College Of Surgeons of Puerto Rico. San Juan, PR. April, 1989

" *Carbapenems*" . Simposio Iberoamericano de Quimioterapia Antimicrobiana. San Juan, PR. January 1990

How to pass the Internal Medicine Boards Infectious Diseases. San Juan, PR. February 17, 1988, March 3, 1988, February 11, 1989, April 1989, July 1990, August 20, 1991

Malaria Prophylaxis, Diagnosis, Therapy and Advances In Research. University Hospital. San Juan, PR. October 15, 1991

Malaria, VA Medical Center, San Juan, PR. November 13, 1991

The New Oral Antibiotics, Sunshine Seminar On Advances in OB-GYN San Juan, PR. Feb. 1992

The New Macrolide Antibiotics, 42nd Scientific Meeting. Puerto Rico Chapter, American College of Surgeons, New Alternatives in Oral Antimicrobial Therapy. Mayaguez, PR. February 22, 1992

New Alternatives in Oral Antimicrobial Therapy, Ponce, PR. May 18, 1992

New Alternatives in Oral Antimicrobials Therapy, Mayaguez, PR. May 19, 1992

Selected Topics in Infectious Diseases, Quinolones and Macrolides. San Juan, PR. May 21, 1992

Diagnosis and Therapy of Parasitosis by Trematodes. King/ Drew Medical Center, Charles R. Drew and UCLA School of Medicine, Los Angeles, CA. June 8, 1992

Malaria, Diagnosis, Therapy and Advances in Immunization and Vector Control. Grand Rounds. King/ Drew Medical Center, Charles R. Drew and UCLA School of Medicine. Los Angeles, CA. June 9, 1992

Beta-Lactamase Inhibitors - Overview after 5 Years with Review of Current Research. San Juan, PR. September 14, 1993

Terapeutica en Infectología 1993. Ponce, PR. September 15, 1993

Terapeutica en Infectología 1993. Mayaguez, PR., September 16, 1993

Infections in the Elderly Patient. 4th Annual Midwest Geriatric Conference.

San Juan, PR. Mar 6, 1993

New Problems with Beta-Lactamase Producing Bacteria. San Juan, PR. September 14, 1993,

Drotrecogin Alfa, Round Table ID,. San Juan, PR. September 18, 2002.

Infections in patients on dialysis. UPR School of Medicine. Oct 3, 2002 *Gram +*

and VRE. UPR School of Medicine. November 6, 2002

Ertapenem. ID Round Table. San Juan, PR. February 2003.

Resistance to Vancomycin in Orthopedic Infections. UPR School of Medicine, San Juan, Puerto Rico. March 13, 2003.

*How to Prevent Infections -*San Juan, PR. 3/18, 2003.

SARS- San Juan, PR. April 29, 2003.

Interstitial Pneumonias- UPR School of Medicine, San Juan, Puerto Rico August 24, 2005

Avian Influenza Current Status and Considerations for the Future.

UPR School of Medicine. San Juan, Puerto Rico. January 31, 2006

Empiric therapy for Serious Infections: A Focus on the ICU. San Juan, Puerto Rico. March 1, 2006.

Principles of Anaerobic Microbiology, UPR School of Medicine, San Juan, Puerto Rico July 2007

Tetanus and Botulism-Microbial Bioterrorism. Board Review Internal Medicine October 2007

Influenza. UPR School of Medicine, San Juan, Puerto Rico. October 2007

Microbial Bioterrorism, UPR School of Medicine, San Juan, Puerto Rico. October 2007 Malaria and

Babesiosis: Diseases Causes by Red Blood Parasites San Juan PR. November, 2007

Gas Gangrene and other Infections caused by Clostridia. San Juan, PR November 2007

Vancomycin and Beyond - Management of Infections by Gram Positive Cocci. San Juan, PR. November 20, 2007

The Burden of Chronic Hepatitis, San Juan PR, February 9, 2013

The Use of New Therapeutic Agents in the Management of Hepatitis C, San Juan PR February 9, 2013

A Patient With Disseminated Strongyloidiasis and Invasive Mucormycosis of the Lungs, San Juan, P.R. February 19, 2013

West Nile Fever- Epidemiology, Prevention, .Diagnosis, Management and Prognosis. Current Statistics for Puerto Rico and the Caribbean San Juan P.R. February 26, 2013

COVID-19 SARS-CoV2 Grand Round February 25, 2020 UPR-RCM San Juan, Puerto Rico

COVID-19 Should we be worried at present Grand Rounds September 8, 2021. San Juan, P.R.

RESEARCH:

Sánchez Sergentón, Carlos G. PI; Candelario, Awilda, Med. Tech.; Berrios, Janet, Med. Tech. *Antibiotic Sensitivity of Flora in Respiratory Tract Infection to Moxifloxacin. 2000-2001.*

Sánchez Sergentón, Carlos G., MD; PI; Soto Malave, Ruth., MD; Candelario, Awilda, Med. Tech.; Berrios, Daisy J., Med. Tech.; Annette Perez, PharmD. *Prospective, Randomized, Double Blind, Multicenter Trial assessing the safety & efficacy of sequential (intravenous-oral) Moxifloxacin 400 mg ev 24 hrs. compared to intravenous Piperacillin/Tazobactam 3.375 grams every 6 hrs. followed by oral Amoxicillin/Clavulanic Acid suspension 800 mg. every 12 hrs. for the treatment of patients with complicated intra-abdominal infection. 2000-2003*

Sanchez Sergentón, Carlos G.; PI, *Use Of Moxifloxacin in complicated skin and soft tissue infections. 2002-2003*

Sánchez Sergentón, Carlos G.; PI, *Use Of Moxifloxacin in intrabdominal infections. 2002- 2003*

Bertran, J.; Sánchez, C.; Soto, R.; Gonzalez, M.; Guiot, H. *Prospective Study on single versus combination antibiotic therapy for the treatment of multidrug resistant acinetobacter baumannii infections. University Hospital, Infectious Diseases Section. 2005-2010*

Guiot, Humberto H.; Soto, Ruth H.; Sánchez Sergentón, C.; *ProACT Registry, (Patient Registry of AMPHOTEC ®/AMPHOCIL ® Clinical Tolerability), 2007*

Sanchez Sergentón, Carlos; PI, Del Pilar Morales, Esteban Macrolide Used as Prophylaxis for Ventilator Associated Pneumonia 2010-2013

Sánchez Sergentón, Carlos G. PI; Candelario, Awilda, Med. Tech.; Berrios, Janet, Med. Tech. *Use of Circumoval Precipitin Test in the Detection and Clinical Management of Schistosoma Mansoni Infections in Puerto Rico 1995-2019*

PUBLICATIONS: (PARTIAL LIST)

Vazquez, G.; Sanchez, CG.; et al. *Malaria in Haiti*. MMWR, December 1979

Sánchez, CG; Thadepalli, H.; Corcino, J.J.; Rodríguez, MT. *Microflora of the Jejunum in Tropical Sprue Patients in Puerto Rico*.

Sanchez, CG; Thadepalli, H.; Corcino, J.J.; Rodríguez, MT. Abstracts of the 81st Annual Meeting of the American Society for Microbiology. March 1981.

Martínez, J.; Christenson, B.; Rodriguez, J.; Sanchez, CG; Ramirez Ronda, C. *Lyme Disease: A Review*, Boletín Asociación Médica de Puerto Rico, 1984; 76: 473-476.

Gonzalez, M.; Bertran, J.; Sanchez, C. *Transverse myelitis in an immunocompetent patient after an episode of trigeminal Herpes Zoster*. Boletín Asociación Médica de Puerto Rico, Vol. 1 97 2005.

Colon-Candelaria, MM; Duharte, L.; Sanchez-Sergenton, C.; Gonzalez-Claudio, G.; Saavedra, S. *An unusual presentation of actinomycosis in a young woman after surgery*. Bol. Asociación Médica de Puerto Rico, 2005. July-September, Vol. 97, 209-13.

Guiot-Martinez, HM; Bertran-Pasarell, B.; Sanchez-Sergenton, CG.; *Ileal Perforation Secondary to a Disseminated Fungal Infection*. Clinical Vignettes Competition, October 22, 2005. Puerto Rico Health Sciences Journal, Vol. 25 no. 1, p.93.

Guiot HM, Bertran-Pasarell J, Tormos LM, Gonzalez-Keelan C, Procop GW, Fradera J, Sanchez-Sergenton C, Mendez W. Ileal perforation and reactive hemophagocytic syndrome in a patient with disseminated histoplasmosis: the role of the real-time polymerase chain reaction in the diagnosis and successful treatment with amphotericin B lipid complex. Diagn Microbiol Infect Dis 2007;57:429-433.

Rafael de Leon-Borras, Carlos Sanchez-Sergenton, Angel Mayor-Becerra and Angel F. Laureano-Cuadrado Polymyxin B for Gram Negative Multidrug Resistant Bacteria in a Hispanic Population." *Puerto Rico Health Sciences Journal*, vol. 38, no. 1, 2019, p. 15+

Book Chapters

Cutaneous Manifestations of HIV Disease Humberto M. Guiot, Carlos G. Sánchez Sergenton, Carlos J. Sánchez Rivera, and Rosbel González Rivera in Nestor P. Sanchez, Atlas of Dermatology In Internal Medicine p.121-128 Springer2011, 2014

EXPERIENCE : QUALITY

QUALITY ASSURANCE

In charge of quality assurance for the Puerto Rico Foundation for Medical Care in charge of hospitalizations of Champus and Medicare patients in the aspects of Infectious Diseases and Internal Medicine, from 1981 to March 9, 1993.

My position in the Department of Medicine has carried a major commitment on my part toward the improvement of teaching to the Residents in the Internal Medicine Program and to the fellows of the Infectious Diseases Program.

In charge of quality assurance review for the Department of Medicine and the University Hospital in regard to antibiotic use from 1982 to December 4, 2021 (present)

Evaluations by the House staff to the directors of both programs have always present this aspect. Training to the house staff has also included computer technologic and advise, use of electronic communications media, software data analysis. Special training sessions and orientation, for the examinations of the American Board of Internal Medicine.

EMERGENCY ROOM

Attending Staff at the Emergency Room of the Puerto Rico Medical Center - Internal Medicine. These facilities provide services to the University Hospital, San Juan City Hospital, Oncologic Hospital and Industrial Hospital. 1978 - 1979; 1981 - 1986.

EXPERIENCE IN THE MANAGEMENT OF PATIENTS WITH AIDS OPORTUNISTIC INFECTIONS.

Large experience in the management of patients with AIDS or HIV infection acquired with large amount of patients seen and followed since 1982 at the University Hospital and at private practice facilities. Puerto Rico has the highest incidence per 100,000 habitants of reported HIV infected cases. Experience is in diagnosis and management of the disease and its complications including prophylaxis and therapeutic approach.

ABSTRACTS / PRESENTATIONS (PARTIAL LIST)

Micro flora of the Jejunum in Tropical Sprue Patients in Puerto Rico. 81st Annual Meeting of the American Society for Microbiology. March 5, 1981, Dallas, Texas.

Drotecogin Alfa, Round Table ID, September 2002, San Juan, Puerto Rico

Infections in patients on Dialysis October 2002, San Juan, Puerto Rico

Therapy of Gram Positive Cocci and VRE, November 2002, San Juan, Puerto Rico

Clinical infection in the asplenic patient, Seminar, May 12, 2003, San Juan, Puerto Rico

Biology of Spirochetes, October 27, 2003, San Juan, Puerto Rico

Treatment of Pulmonary Tuberculosis, March 2004, San Juan, Puerto Rico

Safe Use of Aminoglycosides -September 2004, San Juan, Puerto Rico

Management of Pregnant women with infections that may be transmissible to the fetus
November 2004, San Juan, Puerto Rico

Transverse Myelitis after an episode of trigeminal Herpes Zoster. Nov 2004, San Juan,
Puerto Rico

Management of Infections by Gram Positive Cocci, Guanica, PR. , 2006

Update in Infections by Resistant Gram Positive Organisms, Guanica, PR. 2006

Macrolide use as prophylaxis for ventilator associated pneumonia IDSA October 2-6, 2013, San Francisco,
California