

ANA MARIA GOMEZ J. MD. Msc.

Internal Medicine, Infectious Diseases and HIV.
University Teaching, Clinical Research.



Date of birth: October 10, 1984, Quito - Ecuador.
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ACADEMIC TRAINING:

2003 – 2010	Medicine. Pontifical Catholic University of Ecuador. School of Medicine. Quito, Ecuador.
2010	Title Homologated to Bachelor of Medicine and Surgery. Spain.
2013 – 2016	Specialty of Internal Medicine. Pontifical Catholic University of Ecuador. Quito, Ecuador.
2016 – 2017	Master's Degree in HIV infection. Rey University Juan Carlos. Madrid Spain.
2017 – 2018	Diploma in Scientific Research Methodology. San Francisco de Quito University. Quito, Ecuador.
May - July 2018	Training - Internship hands on. Infectious Diseases / HIV / Transplant. University of Illinois Hospital. U.S from North America.
2017 – 2019	Master's Degree in University Education. European University of Madrid. Madrid Spain.
2018 – 2019	Master in Infectious Diseases and Treatment Antimicrobial. Cardenal Herrera University. Valencia, Spain.
2019	Infectious Diseases and HIV Fellowship. Hospital Germans Trias i Pujol, Foundation for the Fight Against AIDS. Barcelona, Spain.
Currently	Doctorate of Health Sciences and Biomedicine, European University of Madrid. Madrid Spain.

ACADEMIC ACHIEVEMENTS:

2003 – 2010	Scholarship for academic excellence, best 10 averages of the Faculty of Medicine of the Pontifical Catholic University of Ecuador.
2011 – 2012	First place as Best Graduate of the Faculty of Medicine of the Pontifical Catholic University of Ecuador.
2013 – 2016	Scholarship from the Ministry of Public Health awarded to the best average admission to the Postgraduate course in Internal Medicine of the Pontifical Catholic University of Ecuador.

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2016	Second place among the best graduates of the Postgraduate course in Internal Medicine at the Faculty of Medicine from the Pontifical Catholic University of Ecuador.
2016	Scholarship awardee for the Electronic short course of Antiretroviral Therapy in low resources settings (eSCART). Institute of Tropical Medicine. Antwerp, Belgium.
April 2019	Scholarship awardee for HIV & Hepatitis in the Americas, 2019 meeting.
September 2019	Scholarship awardee for European Workshop Living Healthy with HIV. Barcelona, Spain.
September 2019	Grant from the National Meeting of HIV Researchers. 25 - October 26, 2019. Sponsored by the Foundation SEIMC - GeSIDA. Madrid Spain.
October 2019	Currently Scholarship for the Short Course in Clinical Research and Evidence - Based Medicine 2019 -2020 (SCREM). Institute of Tropical Medicine. Antwerp, Belgium.
November 2019	Scholarship awardee for the 17th European AIDS Society Conference. Basel, Switzerland.
November 2019	Scholarship awardee for the Aging with HIV meeting. twenty-one - November 22, 2019. Buenos Aires Argentina.
2020	Qualification to participate as a fellow in the Gorgas Course of Tropical Medicine Alabama University.

PROFESSIONAL EXPERIENCE:

2013 – 2016	Resident of the postgraduate course in Internal Medicine, Internal Medicine and Clinical Subspecialties: Infectology, Nephrology, Cardiology, Intensive Therapy, Gastroenterology, Clinical Oncology.
January - June 2016	Resident of the Clinical Oncology Service of the SOLCA, Quito Hospital.
2016 – 2019	Attending Physician of Internal Medicine, Coordination of the HIV Clinic of the Republic of Ecuador Hospital, Galapagos Islands Province.
July - August 2019	University Teaching Internship. School of Medicine from the University of the Americas UDLA. Tutor: Rodrigo Henriquez MD. Quito, Ecuador.
2020	Scientific advisor in the scientific committee of the Municipality of Quito, for decision-making during the health emergency due to COVID19.

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Currently	Principle Professor of resolution of clinical cases with the PBL methodology (problem-based learning) curriculum design and discussion of postgraduate clinical cases of Internal Medicine of the Pontifical Catholic University of Ecuador.
Currently	Principle Professor of resolution of clinical cases with the PBL methodology (problem-based learning) curriculum design and discussion of clinical cases Medicine Grade of the Pontifical Catholic University of Ecuador.
Currently	Attached researcher at Center for Research on Health in Latin America. CISeAL. Pontifical Catholic University of Ecuador.
Currently	Attending Physician of Internal Medicine at Novaclinica SA. Attending Physician of Internal Medicine at Atlas Clinic SA. Attending Physician of Internal Medicine at Suportamed SA.

PUBLICATIONS, COMMUNICATIONS AND COLLABORATIONS

Scientific publications in national journals:

Iñiguez D, Zurita J, Alcocer I, Ortega D, Gómez A, et al. Klebsiella pneumoniae KPC-type carbapenemase producer: first report in Ecuador. Rev Fac Med. 2012; 37: 39-42.

Scientific publications in international journals:

Houck K, Gomez A. et al. Drinking water improvements and rates of urinary and gastrointestinal infections in Galapagos, Ecuador: assessing household and community factors. American Journal of Human Biology. Article DOI: 10.1002 / ajhb.23358.

Ortiz-Prado E, Simbaña-Rivera K, Gomez-Jaramillo A, Rubio-Neira M, Guaman LP, Kyriakidis N, et al. Clinical, Molecular and Epidemiological Characterization of the SARS-CoV2 Virus and the Coronavirus Disease 2019 (COVID-19): A Comprehensive Literature Review [Internet]. MEDICINE & PHARMACOLOGY; 2020 Apr [cited 2020 Aug 15]. Available from: <https://www.preprints.org/manuscript/202004.0283/v1>

López-Cortés A, Guevara-Ramírez P, Kyriakidis NC, Barba-Ostria C, Cáceres ÁL, Guerrero S, Gomez-Jaramillo A, et al. In Silico Analyzes of Immune System Protein Interactome Network, Single-Cell RNA Sequencing of Human Tissues, and Artificial Neural Networks Reveal Potential Therapeutic Targets for Drug Repurposing Against COVID-19 [Internet]. 2020 Jun [cited 2020 Sep 21]. Available from: https://chemrxiv.org/articles/In_Silico_Analyses_of_Immune_System_Protein_Interactome_Network_SingleCell_RNA_Sequencing_of_Human_Tissues_and_Artificial_Neural_Networks_Reveal_Potential_Therapeutic_Targets_for_Drug_Repurposing_Against_COVID-19/12408074/1

Presentations at National Scientific meetings:

I Seminar on Infectious Diseases, 2016. Pontificia Universidad Católica del Ecuador. Topic: Nosocomial candidiasis.

II Seminar on Infectious Diseases, 2017. Pontifical Catholic University of Ecuador, Topic: Infections of vascular access.

Training for leaders of comprehensive HIV care units. Ministry of Health Public of Ecuador. Zonal coordination 5. Topic: Antiretroviral treatment, points key to the management of HIV-positive patients.

Leishmaniasis in Galapagos: Past reported cases and entomological data to address if local transmission is possible. ISOPS 10th International Symposium on Phlebotomine Sandflies. July 15 - 19, 2019. San Cristobal, Galapagos.

II Biomedicine Congress 2019, USFQ-UTPL, Loja - Ecuador. Topic: HIV in Ecuador, overcoming the stigma of the disease.

Pneumonia Symposium, Ecuador Sepsis Project, November 12, 2019. Topic: Molecular Diagnosis and use of Biomarkers in Pneumonia.

Speaker in the National Assembly of the Republic of Ecuador. Academy position regarding the use of Chlorine Dioxide. July 15, 2020.

Emerging Diseases and COVID19 Seminar. Topic: HIV & COVID19. Current state of scientific evidence (clinical implications). Organized by the DivulgaCiencia Scientific Disclosure Network. 21 august 2020.

Presentations at International Scientific meetings:

Klebsiella pneumoniae type KPC carbapenemase producer: first report in the Ecuador. Abstract. XX Latin American Congress of Clinical Pathology ALAPAC / ML November 17-19, Quito, Ecuador, 2010.

Assessment of cardiovascular risk in patients with HIV / AIDS infection at the beginning, at five and ten years of antiretroviral treatment, using the DAD Equation in the HIV clinic at Hospital Enrique Garcés, from 2003 to 2016, Quito, Ecuador. XVIII Pan American Congress of Infectology. Pan American Association of Infectology, Panama 2017.

Correlation of the lipid profile with antiretroviral therapy and dietary habits in patients from the HIV clinic of the Hospital de las Fuerzas Armadas No. 1, Quito, Ecuador. XVIII Pan American Congress of Infectology. Pan American Association of Infectology, Panama 2017.

High prevalence of anal and cervical dysplasia in a cohort of HIV-infected women, but low prevalence of concomitant lesions. B. Revollo, A Gómez, B. Clotet, et al. 17th European AIDS Conference, 2019. Basel, Switzerland 2019.

Disseminated histoplasmosis in HIV, a key point of interest in Latin America. Gomez A, Delgado N. Isidro Ayora Hospital, Infectious Diseases division. 17th European AIDS Conference. Basel, Switzerland 2019.

Lessons to integrate preclinical sciences in an Ecuadorian medical school: a quasiexperimental study. As part of the 2020 IAMSE Virtual Conference. June 15-18m 2020.

Books, authorship and editing:

HIV Virus Infection Clinical Practice Guide (2019). Ministry of Health Public of Ecuador. Primary author.

Gómez A., et al (2019) Description of viral and non-viral risk factors for the development of Hepatocarcinoma in patients treated at Hospital Carlos Andrade Marín and the SOLCA Núcleo Hospital in Quito, from 2003 to 2014.

Compendium of Scientific Research of the Postgraduate Course in Internal Medicine of the Pontifical Catholic University of Ecuador. Editorial PUCE. ISBN: 978-9978-77-426-7.

Gómez A. (2019). Community-acquired pneumonia. Therapeutic Guide for General Medical Practice. Editorial Cuevas. ISBN 9781686395222.

Gómez A. (2019). HIV in Ecuador, overcoming the stigma of the disease. Records Academics USFQ, 22, pp. 108. Human Immunodeficiency Virus infection, opportunistic infections and Related disorders. Ecuadorian Society of Infectology - Postgraduate Medicine Internal Author and Scientific Editor. Editorial PUCE. ISBN: in process.

Terán E, Gómez A. et al. A little world within itself: water, food and human health in the Galapagos, Ecuador. Springer Book Series Social and Ecological Interactions in the Galapagos Islands. Edition in process.

Studies in process and / or review:

Gómez Ana, Sisa Iván. Description of the clinical profile and calculation of the cardiovascular risk of the patients in the outpatient service of Medicine Internal Hospital Republic of Ecuador, Santa Cruz Island province of Galapagos, in the period from July 1, 2016 to June 30, 2019.

Gómez Ana, Sisa Iván. Evaluation of the impact of curricular change in preclinical sciences through the NBME CBSE (Comprehensive Basic Science) exam Examination) at the San Francisco University School of Medicine of Quito: a quasi-experimental study. 2019.

Cevallos D, Gómez-Jaramillo A, et al. Access to Primary Health Care of Patients with Chronic Noncommunicable Diseases in times of pandemic: a study longitudinal.

PARTICIPATION IN NATIONAL AND INTERNATIONAL SCIENTIFIC SOCIETIES

Active member of the Ecuadorian Society of Infectology.

Member of the Pan American Association of Infectology.

Official member of the International AIDS Society (IAS).

Member of the Latin American HIV Workshop.

Foundation to Fight AIDS - FLS Science: Part of the Train the Trainers team.

SKILLS AND ABILITIES

- Short Course in Clinical Research and Evidence - Based Medicine 2019 -2020 (SCREM). Institute of Tropical Medicine. Antwerp, Belgium.
- Diploma in Virtual University Teaching, August - September 2020. University of the Americas.
- Course on Management of virtual classrooms. Teacher Training Center. Pontifical Catholic University of Ecuador, August to September, 2020.
- Writing in Science. Stanford University. 2020.
- Methodology of Systematic Reviews. Training Cochrane. 2020.
- Medicine Based on Evidence and Clinical Research Methodology. San Francisco de Quito University, 2017 - 2018.
- Critical reading of systematic reviews and meta-analyzes. Course 2018, South East. Ltda.
- Systematic search of Scientific Literature. PubMed essentials. Medical Library Association. July, 2019.
- Medical teaching with a focus on clinical research. Pontifical Catholic University of Ecuador, Ambato Headquarters, Course 2019.
- Academic writing. MCA School, Postgraduate program 2019.
- Implementation, monitoring and evaluation of optimization programs
- PROA antibiotics. World Health Organization course 2018 - 2019.
- Application of antiretroviral therapy in resource-limited areas. eSCART Course Institute of Tropical Medicine Antwerp, Belgium.
- Adherence Medicine. Clinical skills. Kings College of London Course, 2018.
- Clinical ultrasound applied to infectious diseases. Spain Society of Internal Medicine. Course 2018 - 2019.
- Screening for anal dysplasia in HIV-infected and immunosuppressed patients. Cytology - High resolution anoscopy. HPV Barcelona Course – Training 2019.
- Training in primary and secondary Sanitary Air Transport. Ministry of Public Health, 2018.
- Basic and Advanced Cardiovascular Life Support - BLS and ACLS. AHA 2015.

LANGUAGES

Native Spanish.

English: advanced, comprehension and broad writing. IELTS Academic 8/10.

French: Initial.

PERSONAL AND PROFESSIONAL REFERENCES

Josep M. Llibre. Dr. PhD.

Specialist in Internal Medicine and Infectious Diseases.

Principal Investigator of the Foundation for the Fight Against AIDS.

Germans Trias I Pujol University Hospital. Badalona - Barcelona, Spain.

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Maximo O. Brito. MD. MPH.

Specialist in Internal Medicine and Infectious Diseases.

Chief of Infectious Diseases. University of Illinois (UIC).

Chicago, Illinois. USA.

Urban Global Medicine Program. Jesse Brown VA Medical Center.

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Rodrigo Henriquez MD.

Family Medicine Specialist

Professor and Researcher at the University of the Americas.

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Professor and Principal Investigator of the San Francisco de Quito University.

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Rosa Terán MD.Msc.

Internal Medicine specialist.

Master in HIV and Nutrition

Director of the Postgraduate Course in Internal Medicine.

Pontifical Catholic University of Ecuador.

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