

## Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Percy Renato Aco Alburqueque**

Fax(es)

E-mail

Nationality

Date of birth

Gender

### Education and training

Dates 2010 - 2015

Title of qualification awarded Bachelor's Degree (DVM) in Veterinary Medicine and Zootechnics.

Name and type of organisation providing education and training Universidad Peruana Cayetano Heredia

Principal subjects/occupational skills covered Veterinary medicine and zootechnics

Level in national or international classification University degree (6 years)

Date 2017 - 2018

Title of qualification awarded Master's Degree (MSc) in Aquatic Animal Health.

Name and type of organisation providing education and training Universidad Peruana Cayetano Heredia

Principal subjects/occupational skills covered Medicine in aquatic organisms

Level in national or international classification University degree (2 years)

### Work experience

Dates January – July 2019

Occupation or position held Research assistant

Main activities and responsibilities Collaboration in lecture and teaching session in veterinary pathology and immunology courses.

Name and address of employer Universidad Peruana Cayetano Heredia

Type of business or sector Academic sector

Dates January – December 2016

Occupation or position held Medical internist staff

Main activities and responsibilities Doctor in charge of the emergency area and diagnostic laboratories

Name and address of employer Aristocat Veterinary Hospital

Type of business or sector Medical sector

### Personal skills and competences

Mother tongue(s) **Spanish**

Other language(s)

Self-assessment  
European level (\*)

**English**  
**Italian**  
**Portuguese**  
**French**

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C1	C1	C1	C1	C1	
B1	B1	B1	B1	B1	
A2	A2	A2	A2	A2	
A2	A2	A2	A2	A2	

(\*) Common European Framework of Reference for Languages

**International externship**

Department of Public Health and Infectious Diseases, Sapienza Università di Roma – Italy.

Period: April - August 2018 / September 2019 - August 2020

Position: Scholarship researcher.

Laboratory of Comparative Pathology of Wild Animals, Faculty of Veterinary Medicine and Animal Science, Universidade de São Paulo – Brazil.

Period: June – August 2015

Position: Research assistant.

Animal Health Diagnostic Center: Pathological Anatomy Section, College of Veterinary Medicine, Cornell University - USA.

Period: November - December 2014 / January - February 2015

Position: Student Exchange in the Anatomopathology Service, training in anatomopathological and histopathological diagnosis.

Center for Encephalopathies and Emerging Transmissible Diseases, Universidad de Zaragoza - Spain.

Period: September - October 2014

Position: Scholarship holder / Student and Scientific Exchange.

Laboratory of Immunoparasitology, Faculty of Veterinary Sciences, Universidad Nacional de la Plata - Argentina.

Period: August 2014

Position: Institutional scientific exchange for a project cooperation between Peru – Argentina (CONCYTEC-MINCYT)

**Research activities**

March – August 2020

Project: Molecular epidemiology and distribution of *Blastocystis* in hydrobiological resources and food: implications for health, quality and food safety.

Description: Fellowship for Research Activities (Fundings from Organizzazione Internazionale Italo-Latino Americana).

Place: Department Public Health and Infectious Diseases, Sapienza Università di Roma – Italy.

Supervisor: Prof. Simona Gabrielli PhD.

September 2019 – February 2020

Project: Molecular epidemiology and distribution of zoonotic anisakid parasites in fish of commercial interest from the Peruvian sea: Implications for health and food quality.

Description: Fellowship for Research Activities (Fundings from Organizzazione Internazionale Italo-Latino Americana). Research project collaboration with Universidad Peruana Cayetano Heredia (Peru).

Place: Department Public Health and Infectious Diseases, Sapienza Università di Roma – Italy.

Supervisor: Prof. Simonetta Mattiucci PhD.

April – August 2017

Project: Molecular identification of anisakid nematodes collected from marine fish with commercial interest in the Peruvian sea.

Description: Master Degree Thesis. Research project collaboration.

Place: Department Public Health and Infectious Diseases, Sapienza Università di Roma – Italy.

Supervisor: Prof. Simonetta Mattiucci PhD.

January – July 2015

Project: Characterization of canine neoplasms diagnosed by histopathology in the Laboratory of Veterinary Histology and Pathology of the Peruvian University Cayetano Heredia: Period 2003-2015.

Details: Bachelor Degree Thesis.

Place: Department of Veterinary Medicine, School of Veterinary medicine, Universidad Peruana Cayetano Heredia.

Thesis supervisor: Dr. Ricardo Grandez & Javier Mamani.

January – December 2014

Project: Morphological, molecular and immunoserological studies in infections caused by *Sarcocystis* spp., *Neospora caninum* and *Toxoplasma gondii* in South American camelids from Peru.

Description: Associate Researcher in a Scientific-Technological Cooperation Project between CONCYTEC-MINCYT, Peru-Argentina.

Place: Laboratory of Immunoparasitology, Faculty of Veterinary Sciences, Universidad Nacional de La Plata – Argentina.

Supervisor: Dr. Gaston Moré & Dra. Maria Cecilia Venturini.

**Courses and conferences**

Good Manufacturing Practices in the Processing of Aquaculture and Fishery Products. 2th – 10th April 2020. Coastal Research and Development Center, Mexico.

Certified Diploma in Food Safety. February – November 2019. International Regional Organization for Agricultural Health (OIRSA).

International Course Advances in Welfare and Research in Laboratory Animals. 7th – 8th August 2019. School in Public Health and Administration, Universidad Peruana Cayetano Heredia – Peru.

XV Theoretical - Practical Course of Molecular Epidemiology applied to infectious diseases. 5th – 23th February 2018. Molecular Epidemiology Unit of the Alexander von Humboldt Institute of Tropical Medicine, Universidad Peruana Cayetano Heredia – Peru.

Bioinformatics tools for the study of Biodiversity. September – October 2018. Graduate School, Universidad Peruana Cayetano Heredia – Peru.

Postgraduate Course in Molecular and Phylogenomic Evolution. September – December 2017. Universidad Nacional Mayor de San Marcos, School of Biological Sciences – Peru.

I International Course of Zoological Medicine. 5th – 20th September 2015. Wildlife Medicine Department, Universidad Peruana Cayetano Heredia – Peru.

Theoretical - Practical Course of pathological bases in wildlife. 10th January – 30 March 2014. Veterinary Medicine Department, Universidad Peruana Cayetano Heredia – Peru.

Theoretical-practical course of biology, management and medicine of xenarthras. 10th – 30th June 2013. Wildlife Medicine Department, Universidad Peruana Cayetano Heredia – Peru. Replace this text by a description of these competences and indicate where they were acquired.

## Awards, distinctions and fellowship+ps

First-class honours scholarship. Universidad Peruana Cayetano Heredia, Lima, Perú. Academic year 2011, 2012, 2013 and 2014.

Fellowship for Research Activities (Funding from Universidad de Zaragoza – office of international cooperation). Universidad de Zaragoza, Zaragoza, Spain. 1st August - 31st September 2014.

Award for Best Oral Presentation by Universidad Peruana Cayetano Heredia to participate in the XIV Meeting for the Cayetano Heredia Research. Lima, Peru. 8th – 10th September 2017.

Scholarship for the Master's Program in Aquatic Animal Health (Grant from the Peruvian government through the CONCYTEC - National Council of Science, Technology and Technological Innovation). Universidad Peruana Cayetano Heredia, Peru. 2017 – 2018.

Fellowship for Research Activities (Funding from IILA - Organizzazione Internazionale Italo-Latino Americana). Sapienza Università di Roma, Italy. 1st September 2019 - 29th February 2020.

Fellowship for Research Activities (Funding from IILA - Organizzazione Internazionale Italo-Latino Americana). Sapienza Università di Roma, Italy. 1st March 2019 - 29th October 2020.

Member of the SOIPA (Società Italiana di Parassitologia) from July 2020.

## Scientific publications and Abstracts in conferences

**Aco Alburquerque R**, Palomba M, Santoro M, Mattiucci S. (2020). Molecular Identification of Zoonotic Parasites of the Genus *Anisakis* (Nematoda: Anisakidae) from Fish of the Southeastern Pacific Ocean (Off Peru Coast). *Pathogens*, 9(11), 910. doi:10.3390/pathogens9110910.

**Aco, Renato**, Mamani, Javier, & Grande, Ricardo. (2020). Characterization of canine neoplasms diagnosed by histopathology at the laboratory of Histology and Pathology Veterinary of the Universidad Peruana Cayetano Heredia: period 2003-2015. *Revista de Investigaciones Veterinarias del Perú*, 31(2), e16155. doi:10.15381/rivep.v31i2.16155.

Giovana Livia-Cordova, Wilfredo Arévalo, Isabel Bancayán-Vega, Stephanie Velásquez-Vila, Maria Teresa Del Vela, Andy Gamarra-Mercado, **Renato Aco-Alburquerque**, Cesar Burga-Cisterna, Francisca Milano, Jose Iannacone-Oliver, Jorge Cárdenas-Callirgos. Prevalence of gastrointestinal parasites in children of primary school associated with risk factors in the populated center of Chiñama (Kañaris, Ferreñafe) in Lambayeque, Peru. Poster communication. VIII Argentine Congress of Parasitology. Corrientes, Argentina 24th – 27th April 2019. Abstract book page 171.

## Social, Technical, computer and other skills and competences

### Skills

- Great ability to live and work in an international environment and to work in team.
- I'm a person with leadership, responsible, proactive, innovative, diligent, innovative and communication.

### Laboratory and professional skills

- Molecular Biology: PCR and Genotyping, qPCR, RT-qPCR, Electrophoresis, Enzymatic digestion, Purification and Quantification of nucleic acids, Induction and Purification of proteins.
- Immunoassay: ELISA, Western Blot, Indirect immunofluorescence (IFI).
- Cell Biology: Bacterial culture techniques, Immunohistochemistry, cell culture techniques.
- Pathology: Necropsy of domestic, large and wildlife animals, biopsy techniques, cytology and histopathology diagnostics.
- Bioinformatics: Databases, sequence alignments and phylogenetic inference: BLAST, Primer3, Clustal X, BioEdit 7.2, MEGA 7, PhyML 3.0, RAxML, MrBayes 3.2, PAUP\* 4.0, MrModelTest, jModelTest 2.1, BEAST 2.4, FigTree 1.4, DnaSP, Arlequin 3, PopART software.
- Statistics: GraphPad, SPSS, STATISTICA.
- Others: Word, Power Point, Excel, QGIS 3.4.