

Paolo Ginatta Arosemena

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CURRENT POSITION

Name of University	Universidad de Navarra	
Centre	Instituto Salud Tropical (ISTUN)	
Department	Microbiology and Parasitology	
Address and Country	Irunlarrea 1, 31008, Pamplona	
Current position	Master's degree student	From: 2022
Key words	Infection, Neglected Tropical Diseases, Parasitology	

EDUCATION

Title	University	Year
Biochemistry Graduate	Universidad de Navarra	2022
Diploma Science and Business¹	Universidad de Navarra	(currently)
Master Biomedical Research	Universidad de Navarra	(currently)

¹A diploma that consisted in the completion of biotechnology business and leadership related subjects (**30 additional ECTS**) as a complement to the Biochemistry degree, and annual trips visiting biotech companies (in London and Boston) plus startup management training (CEIN, Pamplona).

CV SUMMARY

Coming from Ecuador, I am interested in neglected tropical diseases and working currently in drug development against Leishmaniasis. **Academic career.** I graduated from high school with an average score of **9.75 (/10)** and a School Prize for having the best grades in scientific subjects. My average score from the Biochemistry degree was **8.84** (2.79/4). I have co-authored oral presentations in two congresses and integrated the organizing committee of one of them. **My interests** are **i)** scientific research **ii)** biotechnology **iii)** others (volunteering projects, philosophy, and filming documentaries).

FINAL DEGREE PROJECTS

Bachelor's thesis, Microbiology and Parasitology department, UNAV. Defended May 10th, 2022

- The title was: *Leishmanicidal Activities of Repurposed Compounds*. The **score was 9.3 (/10)**
- Several repurposed compounds were assayed against leishmania promastigotes and amastigotes. Also, their toxicity tested against intraperitoneal macrophages.

Research Training Program, Institute of Tropical Health, UNAV

2021-2022

- Expanded my knowledge in parasitology in a summer internship (total of 160 in-lab-hours)
- Attended several seminars (3 ECTS) under the name *Scientific Skills in Research*.

SCIENTIFIC MEETINGS: CONGRESS

Oral communication, 44th SEBBM Congress, Málaga.

September 6th-9th 2022

- Co-authored the communication: "*Study of the activity of the compounds SS5, SS6, SS7, SS9 and SS11 for their use against leishmaniasis*".

Oral communication, SEMTSI XII Congress on Tropical Medicine, Pamplona.

March 9th-10th, 2022

- Co-authored the communication: "*Study of the activity of BM15, BM18 and BM29 compounds against leishmaniasis*".

Poster, IMNM International Meeting, Universidad Carlos III, Madrid, Spain.

November 10, 2023

- Author of the poster: *"Novel Combination Therapies and Nanofiber Formulations for Leishmaniasis Treatment"*

CONGRESS ORGANIZING COMMITTEE

SEMTSI XII Congress on Tropical Medicine, Organizing Committee Member.

March 9th-10th, 2022

- Designed and executed a promotion plan to reach university students although it was a professional congress.

COST Action: CA18217 - European Network for Optimization of Veterinary Antimicrobial Treatment

March 2nd-3rd, 2023

- Member of the organizing committee.

AWARDS AND SCHOLARSHIPS

SEEBM Initiation to the Investigation in Biochemistry and Molecular Biology Course

September 6th, 2022

- Received a scholarship to assist the event. Only the 27 best ranked students obtained the scholarship.

50TH UNIV Congress, Rome, Winner of the best documentary award

April 16th, 2019

- Winner of the best documentary award for the short documentary: *"Las Señoras del Piso"*
- As the producer, lead a team of five students in the developing of the video
- Filmed, edited, and directed the short film

51ST UNIV Congress, Rome, Winner of the best documentary award

April 29th, 2022

- Winner of the best documentary award for the short documentary: [*"Solo"*](#)
- Filmed, edited, and directed the short film
- Raised awareness on the hardships of homelessness in Navarra

XII FORUN Congress, University of Navarra, Second Winner

March 5th, 2022

- Winner of the [*second best film award*](#) for the short documentary: [*"Solo"*](#)
- Filmed, edited, and directed the short film
- Raised awareness on the hardships of homelessness in Navarra. The video was accompanied with a written essay: *"The loneliness of homelessness. The power of the absence of human relationships"*

SCIENTIFIC MEETINGS: WORKSHOPS AND SEMINARS

V Workshop on Tropical Health, Institute of Tropical Health, UNAV

January 10th, 2022

- Attended as a Research Training Program student.

Seminar Sessions, Microbiology and Parasitology Department, UNAV.

- *"New models to study the pathogenicity of Brucella"*. By Aitor Elizalde. (November 11th, 2021). Duration: 1h.
- *"Evolution towards pathogenicity: comparative analysis of Brucella and phylogenetically close species."* By Maite Loperena. (January 13th, 2022). Duration: 1h.
- *"Vaccination against enterotoxigenic Escherichia coli (ETEC)." By Melibea Berzosa. (February 10th, 2022). Duration: 1h*
- *"Leishmaniasis in Navarra: laboratory techniques and Technician."* By Aroia Burguete. (February 24th, 2022). Duration: 1h
- *"Therapeutic activity of small molecules: exploring leishmanicidal effect and mechanisms of action"*. By

Rima Dirany. (March 10th, 2022). Duration: 1h

- *"Development of Anti-biofilm Surfaces: Strategies to Control Bacterial Infections."* By Hawraa Shahrour. (March 31st, 2022). Duration: 1h
- *"Immunocaps project: encapsulation of probiotics."* By Pablo Rosas. (April 7th, 2022). Duration: 1h
- *"Development of vaccines against Brucella ovis".* By Nerea López. (April 28th, 2022). Duration: 1h

SUMMER COURSES

Philosophy Summer Courses (3 summers), University of Navarra, Student. 2019 – 2022

- Received classes on ancient, medieval, and contemporary philosophy, as well as on ethics, Latin, logic, philosophy of the sciences and of language, etc. (15 courses in total, two months each summer)
- Improved critical thinking and dived into the historical development of ideas
- Prepared two final written dissertations in which a philosophical question was assessed.

VOLUNTEERING EXPERIENCE

Mendaur College's University Club, Secretary (part-time) 2019 – 2021

- Developed and managed the budget for each year
- Interacted with student's parents to follow tuition payments
- Organized and proceeded to pay the activities in conjunction with college's commissions
- Imparted formative talks and person-to-person mentoring to younger students

Mendaur College Volunteering Commission, Member 2018 – 2021

- Participated as a in a trip to Hungary to help maintain a house for the mentally ill in Perbal, Hungary
- Responsible for initiating and maintaining a weekly activity of accompaniment of people with cerebral palsy
- Presented a weekly report of those who participated, and cooperated with the volunteering team to help organize other activities

Rulon International, Playa Prieta, Ecuador, Volunteer September, 2017

- Helped in the construction two of the [ten houses built](#) for those in need after the 7.8 magnitude earthquake in Manabí.
- Built bonds with the kids in the school to which we also brought resources

ADDITIONAL SKILLS & INTERESTS

Languages: English (TOEFL iBT 105 or CEFR C1) and Spanish. Three months of Italian classes.

IT: Advanced proficiency in Excel. Have used **"R"** for statistics and had a Master's course with **STATA**. Dominate gene databases and browsers (NCBI and **UCSC Genome Browser**). Dominate **GraphPad "Prism"** for IC-50 studies.

Sport: Basketball team in School as a player (for twelve years) and as a coach (six months); basketball team of the Mendaur College (four years)

Literature and Philosophy: In addition to the summer semesters of philosophy, I completed the "Core Inter-College Itinerary", which consisted in seminar-based-subjects that ranged from literary analysis of books like the *Odyssey*, to the philosophical analysis of books like *Nichomachean Ethics* or the *Apologetics of Socrates*.