

PRESENTATIONS AT INTERNATIONAL MEETINGS

1. Best I, Verdonck K, **Adauí V**, Vanham G, Gotuzzo E. High production of IFN-gamma and TNF-alpha is observed in HAM/TSP in comparison with HTLV-1 asymptomatic and ATLL patients. 12th International Conference on Human Retrovirology: HTLV and related viruses. Montego Bay, Jamaica, 22-25 June, 2005. Abstract P71.
2. Best I, **Adauí V**, Tipismana M, Verdonck K, González E, Gotuzzo E, Vanham G. HTLV-I proviral load and spontaneous immune response in Peruvian patients with rapidly progressive HTLV-I-associated myelopathy/tropical spastic paraparesis. 43rd IDSA Annual Meeting. San Francisco, USA, 6-9 October, 2005. Abstract 05-AB-1649-IDSA.
3. **Adauí V**, Arévalo J, Best I, Verdonck K, González E, Gotuzzo E. HTLV-I proviral load in Peruvian patients with HTLV-I-associated myelopathy/tropical spastic paraparesis compared to their relatives and asymptomatic carriers. 43rd IDSA Annual Meeting. San Francisco, USA, 6-9 October, 2005. Abstract 05-A-1748-IDSA.
4. Rolando I, Campos B, Serrate A, **Adauí V**, Verdonck K, Gotuzzo E. Eye diseases among patients with HTLV-I-associated myelopathy/tropical spastic paraparesis (HAM/TSP) in Peru. XXX International Ophthalmology Congress. Sao Paulo, Brazil, 19-24 February, 2006. (Oral presentation).
5. Talledo M, Verdonck K, González E, Clark D, **Adauí V**, Best I, Gonzáles M, Tipismana M, Gotuzzo E, Van Camp G, Van Laer L. A preliminary association study investigating polymorphisms in IFN-gamma, SDF-I and perforine in HAM/TSP patients and asymptomatic carriers infected with HTLV-I. 3rd International Workshop on Genomics. La Habana, Cuba, 4-10 November, 2006.
6. Moens B, López G, **Adauí V**, Clark D, Verdonck K, Gotuzzo E, Vanham G, Cassar O, Gessain A, Vandamme A-M, Van Dooren S. Development, optimization and comparative analysis of a multiplex real-time PCR for HTLV-1, 2 and 3. Meeting of the HTLV European Research Network. Brugge, Belgium, 1-3 June, 2008. (Abstract p43, Oral).
7. Van der Auwera G, Fraga J, Dujardin JC, Veland N, **Adauí V**, Arévalo J, Montalvo AM. Heat-shock protein 70: join our quest for universal and democratic species identification. 4th World Congress on Leishmaniasis (WorldLeish4). Lucknow, India, 3-7 February, 2009. (Poster).
8. Torres DC, **Adauí V**, Romero GA, Dujardin JC, Arévalo J, Cupolillo E. Molecular diversity of *Leishmania (Viannia) guyanensis* isolates revealed through targeted gene expression profiling. WorldLeish4. Lucknow, India, 3-7 February, 2009. (Poster).
9. **Adauí V**, Castillo D, Schnorbusch K, Decuypere S, Vanaerschot M, De Doncker S, Llanos-Cuentas A, Arévalo J, Dujardin JC. *Leishmania (Viannia) braziliensis*: gene expression as indicator of natural antimony resistance and treatment failure. WorldLeish4. Lucknow, India, 3-7 February, 2009. (Poster).
10. **Adauí V**, Castillo D, Decuypere S, Vanaerschot M, De Doncker S, Llanos-Cuentas A, Arévalo J, Dujardin JC. Standardised gene expression analysis in

Leishmania (Viannia) braziliensis. WorldLeish4. Lucknow, India, 3-7 February, 2009. (Poster).

11. Vanaerschot M, Decuypere S, Yardley V, Maes L, Ouakad M, **Adai V**, De Doncker S, Chappuis F, Rijal S, Dujardin JC. 2009. Antimonial-resistant *Leishmania donovani*: increasing the clinical predictive value of the current *in vitro* susceptibility test. Worldleish 4, Lucknow, India, 3-7 February, 2009.
12. Talledo M. *et al.* Evaluation of candidate gene and viral markers for HTLV-1-associated myelopathy/tropical spastic paraparesis in Peruvian HTLV-1-infected individuals. 14th International Conference on Human Retrovirology: HTLV and related retroviruses. Bahia, Brazil, 1-4 July, 2009. (Oral presentation).
13. Torres DC, **Adai V**, Ribeiro-Alves M, Romero GAS, Arevalo J, Cupolillo E, Dujardin JC. Modulation of gene expression in *Leishmania braziliensis* and *Leishmania guyanensis* clinical isolates with different treatment outcome from Brazil. In: XIII International Congress of Protistology / XXV Annual Meeting of the Brazilian Society of Protozoology / XXXVI Annual Meeting on Basic Research in Chaga's Disease, 2009, Armação de Búzios. Proceedings XIII International Congress of Protistology, 2009. p. 165-165.
14. J. Fraga, A. M. Montalvo, N. Veland, **V. Adai**, J. Arevalo, A. Llanos-Cuentas, J. C. Dujardin, G. Van der Auwera. Improving the sensitivity and specificity of an *hsp70* PCR-RFLP to discriminate *Leishmania* species from the New and Old World. 10th International Conference on Molecular Epidemiology and Evolutionary Genetics of Infectious Diseases (MEEGID X Conference). Amsterdam, The Netherlands, 3-5 November, 2010. (Poster).
15. **Adai V**, Schnorbusch K, Zimic M, Gutiérrez A, Decuypere S, Vanaerschot M, De Doncker S, Maes I, Llanos-Cuentas A, Chappuis F, Arévalo J, Dujardin JC. Comparison of gene expression patterns among *Leishmania braziliensis* clinical isolates differing in susceptibility to pentavalent antimony. 59th Annual Meeting of the American Society of Tropical Medicine and Hygiene (ASTMH). Atlanta, USA, 3-7 November, 2010. (Poster).
16. Vanaerschot M, Maes I, Ouakad M, **Adai V**, Maes L, De Doncker S, Rijal S, Chappuis F, Dujardin JC, Decuypere S. Linking *in vitro* and *in vivo* fitness of SSG-sensitive and SSG-resistant *Leishmania donovani* from Nepal – the complexity of survival. 12th International Conference of Parasitology, Melbourne, Australia, 2010.
17. **Adai V**, Castillo D, Zimic M, Gutierrez A, Decuypere S, Vanaerschot M, De Doncker S, Schnorbusch K, Maes I, Van der Auwera G, Maes L, Llanos-Cuentas A, Arevalo J, Dujardin JC. Comparative gene expression analysis throughout the life cycle of *Leishmania braziliensis*: diversity of expression profiles among clinical isolates. 7th European Congress on Tropical Medicine and International Health (ECTMIH), Barcelona, Spain, 3-6 October, 2011. (Poster).
18. Jara M, **Adai V**, Cruz M, Dujardin JC, Arevalo J. SYBR Green-based quantitation of *Leishmania* parasite load in lesion biopsies from Peruvian patients with tegumentary leishmaniasis. 7th ECTMIH, Barcelona, Spain, 3-6 October, 2011. (Poster).
19. Cruz I, Millet A, Carrillo E, Chenik M, Sandeep V, Salotra P, Veland N, Jara M, **Adai V**, Castrillon C, Arevalo J, Moreno J, Cañavate C. Interlaboratory

comparison of *Leishmania*-PCR methods towards a common protocol to be used within the RAPSODI consortium (European Commission FP7). 7th ECTMIH, Barcelona, Spain, 3-6 October, 2011. (Poster).

20. **Adai V**, Maes I, Huyse T, Van den Broeck F, Talledo M, Kuhls K, De Doncker S, Maes L, Llanos-Cuentas A, Schönian G, Arevalo J, Dujardin JC. Multilocus genotyping reveals a polyphyletic pattern among naturally antimony-resistant *Leishmania braziliensis* isolates from Peru. ASTMH 60th Annual Meeting, Philadelphia, Pennsylvania, USA, 4-8 December, 2011. (Poster).
21. Jara M, **Adai V**, Cruz M, Dujardin JC, Arevalo J. SYBR Green-based quantitation of *Leishmania* parasite load in lesion biopsies from Peruvian patients with tegumentary leishmaniasis. ASTMH 60th Annual Meeting, Philadelphia, Pennsylvania, USA, 4-8 December, 2011. (Poster).
22. Jara M, **Adai V**, Valencia BM, Martínez D, Alba M, Castrillon C, Cruz M, Cruz I, Van der Auwera G, Dujardin JC, Llanos-Cuentas A, Arevalo J. Quantitative assessment of the *Leishmania* load in lesion biopsies of American tegumentary leishmaniasis: does the parasite load contribute to the parasite fitness? 54th annual ITM Colloquium 2012 "Pathogens' survival strategies: from fundamentals to field", held in Antwerp, Belgium, 3-5 December, 2012. (Poster).
23. Parrado R, Jara M, Valencia BM, Alba M, Torrico MC, Angulo C, Arévalo J, Llanos-Cuentas A, Van der Auwera G, Dujardin JC, Garcia AL, **Adai V**. Quantitative assessment of parasite load in cutaneous and mucosal leishmaniasis using different sampling methods. 5th World Leishmaniasis Congress (WorldLeish5), Porto de Galinhas, Pernambuco, Brazil, 13-17 May, 2013. (Poster).
24. Jara M, Valencia BM, Alba M, **Adai V**, Arevalo J, Llanos-Cuentas A, Boggild AK. Quantitative kDNA assessment during treatment of mucosal leishmaniasis as a potential biomarker of outcome. WorldLeish5, Porto de Galinhas, Pernambuco, Brazil, 13-17 May, 2013. (Poster).
25. Martinez D, Verdonck K, Jara M, Valencia BM, **Adai V**, Polman K, Dujardin JC, Arevalo J, Boelaert M, Llanos-Cuentas A. Cutaneous leishmaniasis and intestinal helminths infection in Peru. WorldLeish5, Porto de Galinhas, Pernambuco, Brazil, 13-17 May, 2013. (Poster).
26. Kuhls K, Cupolillo E, Espinosa D, **Adai V**, Oddone R, Silva SO, Schweynoch C, Mello MN, Arevalo J, Schönian G. Population structures of parasites of the *Leishmania (Viannia)* subgenus – towards a global MLMT analysis in the New World. WorldLeish5, Porto de Galinhas, Pernambuco, Brazil, 13-17 May, 2013. (Poster).
27. Vanaerschot M, Stauch A, Berg M, Roy S, **Adai V**, Arevalo J, Rijal S, Dujardin JC. Does SSG-resistant *Leishmania donovani* have a higher fitness relative to its SSG-sensitive counterparts? WorldLeish5, Porto de Galinhas, Pernambuco, Brazil, 13-17 May, 2013. (Oral presentation).
28. Jara M, Valencia BM, Alba M, **Adai V**, Arevalo J, Llanos-Cuentas A, Boggild AK. Quantitative kDNA assessment during treatment of mucosal leishmaniasis as a potential biomarker of outcome. ASTMH 62nd Annual Meeting, Washington, USA, 13-17 November, 2013. (Poster).

29. Martinez DY, Verdonck K, Jara M, **Adaui V**, Dujardin JC, Arevalo J, Boelaert M, Llanos-Cuentas A. *Leishmania* parasite load as determinant of treatment outcome in cutaneous leishmaniasis. ASTMH 62nd Annual Meeting, Washington, USA, 13-17 November, 2013. (Poster).
30. Martinez DY, Verdonck K, Jara M, **Adaui V**, Dujardin JC, Arevalo J, Boelaert M, Llanos-Cuentas A. What is the threshold for detection of *Leishmania* parasites in direct smear examination of skin lesions? ASTMH 62nd Annual Meeting, Washington, USA, 13-17 November, 2013. (Poster).
31. Valencia BM, Rojas E, Garcia L, Alba M, Montaña N, Montalvo AM, Fraga J, Arevalo J, Van der Auwera G, Boggild AK, Llanos-Cuentas A, **Adaui V**. Evaluation of non-invasive sampling based on cytology brushes for PCR-based diagnosis and typing of *Leishmania* in cutaneous leishmaniasis-endemic regions of Latin America. (Preliminary data). 55th ITM Colloquium "Health Systems and Control of Neglected Diseases in Asia", organized jointly by ITM (Antwerp, Belgium) and the Institute of Public Health in Bangalore, India. Bangalore, 20-23 November, 2013. (Poster).
32. Braulio M. Valencia*, Marlene Jara*, **Vanessa Adaui**, Mathilde Chantry, Milena Alba, Ana Ramos, Jorge Arevalo, Alejandro Llanos-Cuentas, Andrea K. Boggild. (*both authors contributed equally). Controversial role of *Leishmania* RNA virus as a determinant of pathogenicity in human Tegumentary Leishmaniasis. 16th International Congress on Infectious Diseases (ICID), Cape Town, South Africa, 2-5 April, 2014. (Poster).
33. **Vanessa Adaui**, Andres H. Gutierrez, Frances Terry, Francesca Falconi, Javier Enciso, Maria Cruz, Mirko Zimic, Jorge Arevalo, Anne S. De Groot. *In silico* Prediction of *Leishmania braziliensis* T cell Epitope Candidates: Towards the Development of Epitope-based Vaccines with Protective Immunity against Cutaneous Leishmaniasis. Conference "Vaccine Technology V" (conference series of "Engineering Conferences International"), Playa del Carmen, Mexico, 8-13 June, 2014. (Poster). Complete financial support from Bill & Melinda Gates Foundation for V. Adaui and J. Enciso to attend.
34. Imamura Hideo, Van der Auwera Gert, Vanaerschot Manu, Arevalo Jorge, **Adaui Vanessa**, Jara Marlene, Garcia Lineth, Berriman Matt, Cotton James, Dujardin Jean-Claude. Whole genome analysis of *Leishmania braziliensis* clinical isolates reveals a star-like phylogeny and massive aneuploidy. 13th International Congress of Parasitology (ICOPA), Mexico City, Mexico, 10-15 August, 2014. (Oral presentation).
35. Jara Marlene, Montaña Nair, Enciso Javier, Arevalo Jorge, Castillo Denis, Vanaerschot Manu, Dujardin Jean-Claude, Garcia Lineth, **Adaui Vanessa**. Phenotypic heterogeneity in oxidative stress tolerance of promastigotes among *Leishmania braziliensis* clinical isolates. 13th International Congress of Parasitology (ICOPA), Mexico City, Mexico, 10-15 August, 2014. (Poster).
36. Milagros Suárez, Braulio M. Valencia, Marlene Jara, Milena Alba, Alejandro Llanos-Cuentas, Andrea K. Boggild, Jorge Arévalo, **Vanessa Adaui**. Quantification of *Leishmania* (*Viannia*) kinetoplast DNA in acute cutaneous leishmaniasis ulcers reveals differences in parasite load according to the site of sample collection and sampling method. ASTMH 63rd Annual Meeting, New Orleans, Louisiana, USA, 2-6 November, 2014. (Poster).

37. Braulio M. Valencia*, Lineth Garcia*, Ernesto Rojas, Milena Alba, Nair Montaña, Cecilia Angulo, Aleida Verduguez, Ana M. Montalvo, Jorge Fraga, Jorge Arevalo, Gert Van der Auwera, Andrea K. Boggild, Alejandro Llanos-Cuentas, **Vanessa Adai**. (**both authors contributed equally*). PCR-based diagnosis of cutaneous Leishmaniasis in two endemic villages from Peru and Bolivia: an articulated strategy founded on local health promoters and conventional sample shipping. ASTMH 63rd Annual Meeting, New Orleans, Louisiana, USA, 2-6 November, 2014. (Poster).
38. **Adai V**, Lye L-F, Akopyants NS, Zimic M, Llanos-Cuentas A, Garcia L, Maes I, De Doncker S, Dobson DE, Arevalo J, Dujardin JC, Beverley SM. Association of *Leishmanivirus* LRV1 with chemotherapeutic treatment failures of human leishmaniasis. Kinetoplastid Molecular Cell Biology Meeting. Marine Biological Laboratories, Woods Hole, MA, 25-29 April, 2015.
39. **Adai V**, Lye L-F, Akopyants NS, Zimic M, Llanos-Cuentas A, Garcia L, Maes I, De Doncker S, Dobson DE, Arevalo J, Dujardin JC, Beverley SM. Association of *Leishmanivirus* LRV1 with chemotherapy failure in human leishmaniasis due to *Leishmania braziliensis*. ASTMH 64th Annual Meeting, Philadelphia, Pennsylvania, USA, 25-29 October, 2015. (Poster).
40. Martínez DY, Verdonck K, **Adai V**, Arevalo J, Dujardin J-C, Boelaert M, Llanos-Cuentas A. Do coinfections affect treatment outcome of patients with cutaneous leishmaniasis treated with pentavalent antimonials? ASTMH 64th Annual Meeting, Philadelphia, Pennsylvania, USA, 25-29 October, 2015. (Poster).
41. **V. Adai**, L.-F. Lye, N.S. Akopyants, M. Zimic, A. Llanos-Cuentas, L. Garcia, F. Van den Broeck, H. Imamura, I. Maes, S. De Doncker, D.E. Dobson, J. Arevalo, J.-C. Dujardin, S.M. Beverley. High prevalence and molecular diversity of *Leishmanivirus* LRV1 among *Leishmania braziliensis* clinical isolates. MEEGID XIII (13th International Conference on Molecular Epidemiology and Evolutionary Genetics of Infectious Diseases), Institute of Tropical Medicine Antwerp, Belgium, May 10-13, 2016. (Poster).
42. G. Córdova, H. Valdivia-Olarte, C. Bueno, D. Requena, M. Ramírez, M. Zimic, M. Cruz, H. Imamura, F. Van den Broeck, J.-C. Dujardin, J. Arévalo, **V. Adai**. Development of an indirect ELISA test based on a novel T-cell MHC-II linear multi-epitope recombinant protein for the diagnosis of human cutaneous leishmaniasis. MEEGID XIII (13th International Conference on Molecular Epidemiology and Evolutionary Genetics of Infectious Diseases), Institute of Tropical Medicine Antwerp, Belgium, 10-13 May, 2016. (Poster).
43. Van den Broeck F, Imamura H, Van der Auwera G, Vanaerschot M, Arevalo J, **Adai V**, Jara M, Garcia L, Berriman M, Cotton J, Dujardin JC. Speciation, divergence and genome structure in New World *Leishmania* populations along the Andes. MEEGID XIII (13th International Conference on Molecular Epidemiology and Evolutionary Genetics of Infectious Diseases), Institute of Tropical Medicine Antwerp, Belgium, 10-13 May, 2016. (Oral presentation).
44. Posadas A, **Adai V**, Talledo M, Rosado J, Gotuzzo E, Alvarez C. Delimitation of upstream region of NFKBIA gene associated with HAM/TSP disease using candidate tag-SNPs in Peruvian HTLV-1 infected individuals. MEEGID XIII (13th International Conference on Molecular Epidemiology and Evolutionary Genetics of Infectious Diseases), Institute of Tropical Medicine Antwerp, Belgium, 10-13 May, 2016. (Poster).

45. Van den Broeck F, Imamura H, Arevalo J, **Adauí V**, Jara M, Garcia L, Sanders MJ, Berriman M, Cotton JA, Dujardin JC. Population genomics of New World *Leishmania* parasites along the Andes reveal species diversity and patterns of allopatric speciation. BSP Trypanosomiasis and Leishmaniasis Seminar 2016. Organized by the British Society for Parasitology. The Biology Centre of the Czech Academy of Science, Czech Republic, 4-7 September, 2016. (Oral presentation).
46. Jovanka Gencel-Augusto, Denis Castillo, Marlene Jara, Jean-Claude Dujardin, Stephen M. Beverley, Jorge Arévalo, **Vanessa Adauí**. Association of *Leishmaniavirus* LRV1 presence in *Leishmania braziliensis* isolates with the parasite's susceptibility to oxidative and nitrosative stress stimuli. Workshop "Molecular Biology of *Leishmania*", ICGEB (International Centre for Genetic Engineering and Biotechnology), Trieste, Italia, 24-26 October, 2016. (Oral presentation).
47. Gencel-Augusto J, Castillo D, Jara M, Dujardin JC, Beverley SM, Arévalo J, **Adauí V**. Association of *Leishmaniavirus* within *Leishmania braziliensis* clinical isolates with the parasite's susceptibility to oxidative and nitrosative stress stimuli. 6th World Congress on Leishmaniasis (WorldLeish-6). Toledo, Spain, 16-20 May, 2017. (Poster).
48. Enciso J, Gutierrez AH, Cruz M, Liu R, Tassone R, Falconi-Agapito F, Terry F, Arévalo J, De Groot AS, **Adauí V**. Novel class II T cell epitopes predicted from the secretome of *Leishmania braziliensis* evoke interferon-gamma-producing T cells in active cutaneous leishmaniasis patients. 6th World Congress on Leishmaniasis (WorldLeish-6). Toledo, Spain, 16-20 May, 2017. (Poster).
49. Córdova G, Valdivia-Olarte H, Bueno C, Requena D, Ramírez M, Zimic M, Cruz M, Imamura H, Van den Broeck F, Dujardin JC, Arévalo J, **Adauí V**. Evaluation of a novel recombinant T-cell MHC-II linear multiepitope protein for the diagnosis of human cutaneous leishmaniasis. 6th World Congress on Leishmaniasis (WorldLeish-6). Toledo, Spain, 16-20 May, 2017. (Poster).
50. Braulio M. Valencia*, Marlene Jara*, **Vanessa Adauí**, Mathilde Chantry, Milena Alba, Ana Ramos, Jorge Arevalo, Alejandro Llanos-Cuentas, Andrea K. Boggild. (* both authors contributed equally). *Leishmania* RNA virus-1 is equally distributed among severe and non-severe phenotypes in a prospective cohort of American Tegumentary Leishmaniasis. 6th World Congress on Leishmaniasis (WorldLeish-6). Toledo, Spain, 16-20 May, 2017. (Oral presentation).
51. Laura Mori-Llontop, Milagros Suarez, Marlene Jara, Milena Alba, Jorge Arevalo, **Vanessa Adauí**, Andrea K. Boggild, Alejandro Llanos-Cuentas, Braulio M. Valencia. Baseline parasite load is not an associated factor with treatment outcome in cutaneous leishmaniasis. 6th World Congress on Leishmaniasis (WorldLeish-6). Toledo, Spain, 16-20 May, 2017. (Poster).
52. Braulio M. Valencia, Lineth Garcia, Ernesto Rojas, Milena Alba, Nair Montañó, Cecilia Angulo, Aleida Verduguez, Ana Margarita Montalvo, Jorge Fraga, Jorge Arevalo, Gert Van der Auwera, Alejandro Llanos-Cuentas, Andrea K. Boggild, **Vanessa Adauí**. Field sampling at endemic villages and molecular diagnosis at distant research centers: a coupled and articulated strategy for molecular diagnosis and strain identification of causative agents in suspected cutaneous

leishmaniasis lesions in rural cities from Peru and Bolivia. 6th World Congress on Leishmaniasis (WorldLeish-6). Toledo, Spain, 16-20 May, 2017. (Poster).

53. Van den Broeck F, Imamura H, Sanders MJ, Sinclair Cooper, Arevalo J, **Adai V**, Jara M, Garcia L, Achim Schnauffer, Berriman M, Cotton JA, Dujardin JC. Genetic analyses of nuclear-kinetoplast genomes in New World *Leishmania* parasites along the Andes reveal species diversity and patterns of allopatric speciation. 6th World Congress on Leishmaniasis (WorldLeish-6). Toledo, Spain, 16-20 May, 2017. (Poster).
54. Cabrera-Sosa L, **Adai V**, Ochoa TJ. Development of an isothermal molecular diagnostic assay for enterotoxigenic *Escherichia coli* (ETEC) in stool samples based on Recombinase Polymerase Amplification (RPA). ASTMH 66th Annual Meeting, Baltimore, Maryland, USA, 5-9 November, 2017. (Poster).
55. **Vanessa Adai**, Henner Zirpel, Marlene Jara, Hideo Imamura, Jorge Arévalo, Jean-Claude Dujardin, Joachim Clos. Development of CRISPR/Cas9-based reverse genetics for *Leishmania braziliensis* and application to the study of differentially expressed target genes. 28th Annual Meeting of the German Society for Parasitology (DGP). Berlin, Germany, 21-24 March, 2018. (Poster).

PRESENTATIONS AT NATIONAL MEETINGS

1. **Adai V**, Del Valle V, Rivas E, Pastor S. Genetic characterization of the Peruvian Paso Horse. XI Scientific Workshop “Hugo Lumberras Cruz”. UPCH. Lima, Peru, 1999.
2. **Adai V**, Barreto T, Espinoza J. Expression of mRNAs encoding TNF- α , IL-1 β and GTPases during monocytic activation. Revista Médica Herediana 12, Suppl.1: 75. XIII Scientific Workshop “Carlos Monge Casinelli”. UPCH. Lima, Peru, 2001. (The Revista Médica Herediana is peer-reviewed and indexed in Lilacs but not in PubMed).
3. **Adai V**, Barreto T, Espinoza J. Expression of mRNAs encoding TNF- α , IL-1 β and GTPases during monocytic activation. First International Congress of Advances in Immunology “From Laboratory to the Clinic”, organized by UPCH. Book of Abstracts, p. 22. Lima, Peru, 22-25 August, 2001. (Accepted for oral presentation and received the First Prize in Immunology Research from Laboratory AstraZeneca - Quimica Suiza S.A.).
4. Barreto T, **Adai V**, Espinoza JR. Molecular characterization of small GTPases of the Rab family from *Leishmania braziliensis*. V Peruvian Congress of Parasitology. Book of Abstracts, p. 41. Trujillo, Peru, 2-5 October, 2002.
5. Best I, **Adai V**, Verdonck K, Tipismana M, González E, Vanham G, Gotuzzo E. Immune activation and elevated levels of proviral load in patients with HTLV-1-associated tropical spastic paraparesis (HAM/TSP). XV Scientific Workshop “Alberto Ramírez Ramos”. UPCH. Lima, Peru, September 2005.
6. Talledo M, López G, Verdonck K, **Adai V**, González E, Best I, Clark D, Vanham G, Gotuzzo E, Van Laer L, Van Camp G. Evaluation of a logistic regression equation to differentiate patients with HTLV-1-associated mielopathy/tropical spastic paraparesis from healthy carriers in Peru. Scientific Workshop. UPCH. 2007.

7. **Adai V**, Schnorbusch K, Zimic M, Gutiérrez A, Decuypere S, Vanaerschot M, De Doncker S, Maes I, Llanos-Cuentas A, Chappuis F, Arévalo J, Dujardin JC. Gene expression profiling of *Leishmania (Viannia) braziliensis* isolates in the promastigote stage: correlation with *in vitro* pentavalent antimony susceptibility and clinical treatment outcome? ITM-IMTA_{vH} Colloquium on Neglected Tropical Diseases of Latin America. Lima, Peru, 12-14 November, 2009. (Poster).
8. **Adai V**, Castillo D, Zimic M, Gutiérrez A, Decuypere S, Vanaerschot M, De Doncker S, Llanos-Cuentas A, Arévalo J, Dujardin JC. Standardized gene expression profiling in *Leishmania (Viannia) braziliensis* isolates with differential pentavalent antimony susceptibility. ITM-IMTA_{vH} Colloquium on Neglected Tropical Diseases of Latin America. Lima, Peru, 12-14 November, 2009. (Poster).
9. **Adai V**, Schnorbusch K, Zimic M, Gutiérrez A, Decuypere S, Vanaerschot M, De Doncker S, Maes I, Llanos-Cuentas A, Chappuis F, Arévalo J, Dujardin JC. Comparison of gene expression patterns among *Leishmania braziliensis* clinical isolates differing in susceptibility to pentavalent antimony. I Annual Meeting of the ASTM_H in Peru. Lima, 16 February, 2011. (Poster).
10. **Adai V**, Maes I, Huyse T, Van den Broeck F, Talledo M, Kuhls K, De Doncker S, Maes L, Llanos-Cuentas A, Schönián G, Arevalo J, Dujardin JC. Multilocus genotyping reveals a polyphyletic pattern among naturally antimony-resistant *Leishmania braziliensis* isolates from Peru. II Annual Meeting of the ASTM_H in Peru. Lima, 16 February, 2012. (Poster).
11. Jara M, **Adai V**, Cruz M, Dujardin JC, Arévalo J. SYBR Green-based quantitation of *Leishmania* parasite load in lesion biopsies from Peruvian patients with tegumentary leishmaniasis. II Annual Meeting of the ASTM_H in Peru. Lima, 16 February, 2012. (Poster).
12. Jara M, Valencia BM, Alba M, **Adai V**, Arevalo J, Llanos-Cuentas A, Boggild AK. Quantitative kDNA assessment during treatment of mucosal leishmaniasis as a potential biomarker of outcome. IV Annual Meeting of the ASTM_H in Peru. Lima, 19 February, 2014. (Poster).
13. Martínez DY, Verdonck K, Jara M, **Adai V**, Dujardin JC, Arevalo J, Boelaert M, Llanos-Cuentas A. *Leishmania* parasite load as determinant of treatment outcome in cutaneous leishmaniasis. IV Annual Meeting of the ASTM_H in Peru. Lima, 19 February, 2014. (Poster).
14. Martínez DY, Verdonck K, Jara M, **Adai V**, Dujardin JC, Arevalo J, Boelaert M, Llanos-Cuentas A. What is the threshold for detection of *Leishmania* parasites in direct smear examination of skin lesions? IV Annual Meeting of the ASTM_H in Peru. Lima, 19 February, 2014. (Poster).
15. Suárez M, Valencia BM, Jara M, Alba M, Llanos-Cuentas A, Boggild AK, Dujardin JC, Arévalo J, **Adai V**. Quantification of *Leishmania (Viannia)* kinetoplast DNA in acute cutaneous leishmaniasis ulcers reveals differences in parasite load according to the site of sample collection and sampling method. V Meeting of the Latinoamerican ASTM_H in Peru. Lima, 19 February, 2015. (Poster).
16. Posadas A, **Adai V**, Talledo M. Análisis comparativo de polimorfismos tipo SNPs en la región *upstream* de NFkBIA en pacientes con paraparesia espástica tropical y asintomáticos, infectados con HTLV-1. XX Scientific Workshop "Francisco Tejada Reátegui", UPCH. Lima, 17 September, 2015. (Poster).

17. **Adai V**, Lye L-F, Akopyants NS, Zimic M, Llanos-Cuentas A, Garcia L, Maes I, De Doncker S, Dobson DE, Arevalo J, Dujardin JC, Beverley SM. Association of *Leishmaniovirus* LRV1 with chemotherapy failure in human leishmaniasis due to *Leishmania braziliensis*. VI Meeting of the Latinoamerican ASTMH in Peru. Lima, 21-23 March, 2016. (Poster).
18. Enciso J, Gutiérrez AH, Cruz M, Liu R, Tassone R, Falconi-Agapito F, Terry F, Arévalo J, De Groot AS, **Adai V**. Class II T cell epitopes predicted from the secretome of *Leishmania braziliensis* evoke interferon-gamma response in peripheral blood mononuclear cells from patients with active cutaneous leishmaniasis and cured patients with history of cutaneous leishmaniasis. XXI Scientific Workshop Wilson Delgado Azañero, UPCH. Lima, 8-9 September, 2017. (Poster).
19. Cabrera-Sosa L, **Adai V**, Ochoa TJ. Development of an isothermal molecular diagnostic assay for enterotoxigenic *Escherichia coli* (ETEC) in stool samples based on Recombinase Polymerase Amplification (RPA). XXI Scientific Workshop Wilson Delgado Azañero, UPCH. Lima, 8-9 September, 2017. (Poster).

SPEAKER & INSTRUCTOR IN NATIONAL / INTERNATIONAL COURSES & CONGRESSES

- "Production of cytokines by monocytes in response to infection". Practical Course Pre-IV Peruvian Congress of Parasitology: Immunology and Molecular Biology of Parasites. Sponsored by The Network for Research and Training in Parasitic Diseases at the Southern Cone of Latin America SIDA/SAREC. Lima, 16-18 September, 2000. UPCH. (Instructor).
- Theoretical-Practical Course Pre-V Peruvian Congress of Parasitology: Molecular Biology and Immunology of Parasites. Trujillo, Peru, 29 Sep. – 2 Oct., 2002. (Instructor).
- "Application of Recombinant Antigens in the Diagnosis of Parasitic Diseases". Theoretical-Practical Course: Application of Molecular Biology in the Research of Infectious Diseases. National Institute of Health (INS). Lima, Peru, 2-5 December, 2002. (Speaker).
- Practical Course Pre-II International Congress in Immunology: Molecular Techniques in Immunological Research. Lima, Peru, 7-8 October, 2003. (Instructor).
- International EMBO Practical Course on Data Mining and Genome Sequence Analysis. Organized by the Bioinformatics and Computational Biology Unit, Faculty of Sciences and Philosophy, UPCH. Lima, Peru, 3-15 November, 2003. (Instructor).
- "Towards understanding the mechanism of resistance to antimonials in natural populations of *Leishmania braziliensis*". Annual meeting of the Belgian Society of Protozoology (SBP/BVP). Organized by the Christian de Duve Institute of Cellular Pathology (ICP), Belgium, 15 March, 2006. (Speaker).
- Theoretical and practical lectures in quantitative Real-time PCR. IV Course and Workshop on Training in Molecular Biology Techniques Applied to Infectious and Tropical Diseases (PCR, Real-time PCR and Sequencing). Organized by IMTAVH-UPCH. Lima, Peru, 5-23 February, 2007. (Instructor).

- Theoretical and practical lectures in quantitative Real-time PCR. VII Course and Workshop on Training in Molecular Biology Techniques Applied to Infectious and Tropical Diseases (PCR, Real-time PCR and Sequencing). Organized by IMTAvH, with the accreditation of Faculty of Sciences and Philosophy "Alberto Cazorla Talleri"-UPCH. Lima, 1-26 February, 2010. (Instructor).
- Theoretical and practical lectures in quantitative Real-time PCR. VIII Course and Workshop on Training in Molecular Biology Techniques Applied to Infectious and Tropical Diseases (PCR, Real-time PCR and Sequencing). Organized by IMTAvH, with the accreditation of Faculty of Sciences and Philosophy "Alberto Cazorla Talleri"-UPCH. Lima, 31 January – 25 February, 2011. (Instructor).
- Theoretical and practical lectures in quantitative Real-time PCR, and theoretical lecture in microsatellite data analysis. IX Course and Workshop on Training in Molecular Biology Techniques Applied to Infectious and Tropical Diseases (PCR, Real-time PCR and Sequencing). Organized by IMTAvH, with the accreditation of Faculty of Sciences and Philosophy "Alberto Cazorla Talleri"-UPCH. Lima, 30 January – 27 February, 2012. (Instructor).
- Theoretical and practical lectures in quantitative Real-time PCR, and theoretical lecture in microsatellite data analysis. X Course and Workshop on Training in Molecular Biology Techniques Applied to Infectious and Tropical Diseases (PCR, Real-time PCR and Sequencing). Organized by IMTAvH, with the accreditation of Faculty of Sciences and Philosophy "Alberto Cazorla Talleri"-UPCH. Lima, 28 January – 15 February, 2013. (Instructor).
- Theoretical lectures and moderator in the literature study sessions of the *Leishmania* module in the "Latin-American training workshop on molecular epidemiology applied to infectious diseases". Co-organized between IMTAvH and ITM-Antwerp. Lima, 25 November – 6 December, 2013. (Instructor).
- Theoretical and practical lectures in quantitative Real-time PCR. XI Course and Workshop on Training in Molecular Biology Techniques Applied to Infectious and Tropical Diseases (PCR, Real-time PCR and Sequencing). Organized by IMTAvH, with the accreditation of Faculty of Sciences and Philosophy "Alberto Cazorla Talleri"-UPCH. Lima, 3-21 February, 2014. (Instructor).
- "Genetic and phenotypic diversity of clinical isolates of the parasite *Leishmania*". XI Research Meeting Cayetano Heredia EPICAH. Organized by UPCH. Lima, 15 June, 2014. (Speaker).
- Theoretical and practical lectures in quantitative Real-time PCR. XII Course and Workshop on Training in Molecular Biology Techniques Applied to Infectious and Tropical Diseases (PCR, Real-time PCR and Sequencing). Organized by IMTAvH, with the accreditation of Faculty of Sciences and Philosophy "Alberto Cazorla Talleri"-UPCH. Lima, 2-20 February, 2015. (Instructor).
- Theoretical lectures in gene expression analysis by quantitative real-time PCR (RT-qPCR). XIII theoretical-practical Course on Molecular Epidemiology applied to Infectious Diseases". Basic Module. Lima, 01-05 February, 2016. (Instructor).
- "Studies in tegumentary leishmaniasis: paradigm of diversity". XVII National Congress of Biology Students (CONEBIOL). Piura, 04-09 September, 2016. (Speaker).