Curriculum Vitae

Distinguished Professor Blaise Dondji

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| **EDUCATION** |  |
| *Degree/Training* | *Institution* | *Date* | *Subject* |
| Postdoct | Yale School of Medicine, New Haven, CT | 2007 | Immunology & Infectious Diseases |
| Postdoct | Hebrew University, Jerusalem, Israel | 2002 | Molecular Parasitology |
| Ph.D. | University of Jos, Nigeria | 1999 | Parasitology |
| M.Sc. | University of Jos, Nigeria | 1993 | Entomology & Parasitology |
| M.Phil. | University of Yaoundé, Cameroon | 1991 | Animal Biology & Physiology |
| M.Sc. | University of Yaoundé, Cameroon | 1990 | Animal Biology & Physiology |
| B.Sc. | University of Yaoundé, Cameroon | 1989 | Zoology |

# AWARDS

2022 Distinguished Faculty – Teaching, CWU

2019 Career Influencer, Central Washington University, CWU 2018 Faculty Mentor of the Year, CWU

2016 Force of Nature Award, College of the Sciences, CWU

2016 Professors’ Excellence Award, National Residence Hall Honorary 2013 Most Inspirational Faculty, CWU

2012 Faculty Mentor of the Year – Honorable Mention, CWU

# TEACHING EXPERIENCE

2022 **Distinguished Professor**, Department of Biological Sciences, Central Washington University, Ellensburg, WA

2019 **Professor,** Department of Biological Sciences, Central Washington University, Ellensburg, WA

2014 **Associate Professor,** Department of Biological Sciences, Central Washington University, Ellensburg, WA

2014 **Director, Keck-Murdock Flow Cytometry Facility,** College of the Sciences, Central Washington University, Ellensburg, WA

2008 **Assistant Professor,** Department of Biological Sciences, Central Washington University, Ellensburg, WA

2008 **Pre-Medicine Advisor**, Central Washington University, Ellensburg, WA 2008 **Pre-Dentistry Advisor,** Central Washington University, Ellensburg, WA

2007 **Faculty in infectious diseases**: supervision of clinical fellows, undergraduate and graduate students, Section of Infectious Diseases, Yale Child Research Centre, Department of Pediatrics, Yale University School of Medicine, New Haven, CT

2006 **Adjunct Faculty of Biology:** Department of Biology and Chemistry, Albertus Magnus College, New Haven, CT

2005 **Guest Lecturer of Policy Implications for Global Health Priorities in relation to Parasitic Diseases,** Global Health Division, Department of Epidemiology and Public Health, Yale University School of Medicine, New Haven, CT

2005 **Visiting Lecturer of Biology:** Microbiology and Tropical medicine, Department of Biological Sciences, School of Health Sciences, Quinnipiac University, Hamden, CT

2004 **Visiting Lecturer of Biology:** Microbiology and Tropical medicine, Department of Biological Sciences, School of Health Sciences, Quinnipiac University, Hamden, CT

2002 **Maître de Conférences Invité :** Mosquito biology and insect vector control of mosquito-borne diseases, Laboratoire de Biologie Parasitaire, Muséum National d’Histoire Naturelle, Université Paris-Sorbonne, Paris, France

2002 **Senior Lecturer**: General Biology, Zoology, Cell biology, Microbiology and Immunology, Faculty of Sciences, University of Ngaoundéré, Ngaoundéré, Cameroon

1999 **Lecturer:** General Biology, Zoology, Cell biology, Microbiology and Immunology, Faculty of Sciences, University of Ngaoundéré, Ngaoundéré, Cameroon

1999 **Coordinator of Biology program for freshmen,** Faculty of Sciences, University of Ngaoundéré, Ngaoundéré, Cameroon

# RESEARCH EXPERIENCE

07/2007 to 08/2008 **Associate Research Scientist**, Section of Infectious Diseases, Yale Child Research Centre, Department of Pediatrics, Yale University School of Medicine, New Haven, CT, USA: Develop assays to characterize the effector functions of T and B lymphocytes in hookworm infection, identify parasite molecules involved in host immunomodulation and select bio-marker for disease diagnosis, drug targets and vaccine candidates

09/2005 to 06/2007 **Postdoctoral Associate,** Section of Infectious Diseases, Yale Child Research Centre, Department of Pediatrics, Yale University School of Medicine, New Haven, CT, USA**:** Immunology (tissue culture, lymphoproliferation assays, T- cell purification, ELISA, ELISPOT, FACS) and molecular biology (PCR, RT- PCR) of hookworm with gene cloning, recombinant protein expression and animal model vaccine trials

07/2002 – 06/2005 **Postdoctoral Associate,** Epidemiology of Microbial Diseases Division, Department of Epidemiology and Public Health, Yale University School of Medicine, New Haven, CT, USA: Parasitology, immunology (tissue culture, T- cell purification, ELISA, ELISPOT, FACS), Mouse model vaccine trials (DNA and Vaccinia) against *Leishmania*

01/2001 – 02/2002 **UNESCO/Israel Postdoctoral fellow,** Department of Parasitology, The Kuvin Centre for the Study of Infectious and Tropical Diseases, Hebrew University Hadassah Medical School, Jerusalem, Israel**:** Vector-parasite interactions in malaria (Immunoblotting, Immunoprecipitation)

07/1999 – 08/1999 **Visiting scientist,** Laboratoire d’Ecologie Médicale et de Pathologie Parasitaire, Faculté de Médecine, Université de Montpellier I and Laboratoire de Parasitologie, Centre Hospitalier et Universitaire, Montpellier, France: Serological diagnosis of visceral leishmaniasis (IFAT, latex agglutination)

06/1998 – 08/1998 **Visiting Scientist,** Servicio de Imunologia, Hospital Universitario Prof. Edgard Santos, Universidade Federal da Bahia, Salvador, Bahia, Brazil: Immunology of human leishmaniasis with emphasis on cytokine profile during infection and vaccine potentials of *Leishmania* recombinant antigens, [ELISA, Lymphoproliferation, isolation of lymphocyte subpopulations (CD4, CD8, NK cells)]

04/1998 – 05/1998 **Visiting Scientist,** Laboratoire d’Ecologie Médicale et de Pathologie Parasitaire, Faculté de Médecine, Université de Montpellier I and Laboratoire

de Parasitologie, Centre Hospitalier et Universitaire, Montpellier, France**:** *Leishmania* parasite biochemical characterization (isoenzyme analysis), serological (IFAT, latex agglutination) and molecular diagnosis (PCR) of human leishmaniasis

01/1993 – 08/1995 **Scientist of TDR/WHO sponsored project** «Epidemiology of leishmaniasis and sero-prevalence of HIV-*Leishmania* co-infections in Nigeria»

10/1991 – 08/2000 **Scientist,** Laboratory of Parasitology, Mycology and Parasite Immunology, Faculty of Medicine and Biomedical Sciences, University of Yaoundé I, Yaoundé, Cameroon**:** Epidemiological studies on cutaneous leishmaniasis in northern Cameroon,

# GRANTS AND FELLOWSHIPS

|  |  |
| --- | --- |
| 2014 | R15 Research Grant, NIH/NCCAM - $361,065 |
| 2013 | Equipment and Curriculum Development Grant, Keck Foundation, Los |
|  | Angeles, CA - $250,000 |
| 2013 | Equipment Grant, Seattle Foundation, Seattle, WA - $5,000 |
| 2013 | SOAR Grant Development Appointment, Faculty Development & Research |
|  | Committee, Office of Graduate Studies and Research, Central Washington |
|  | University (CWU), Ellensburg, WA |
| 2013 | Research Summer Grant, College of the Sciences, Central Washington |
|  | University, Ellensburg, WA |
| 2012 | Equipment Grant, Murdock Charitable Trust, Vancouver, WA - $89,000 |
| 2011 | Research Grant, Volkswagen Foundation, Hannover, Germany, “Knowledge |
|  | for Tomorrow – Cooperative Research Projects in sub-Saharan Africa: |
|  | Communicable Diseases in Sub-Saharan Africa - 50,000 Euros |
| 2011 | Faculty Research Appointment, Office of Graduate Studies & Research, |
|  | Central Washington University, Ellensburg, WA |
| 2009 | Research Summer Grant, College of the Sciences, Central Washington |
|  | University, Ellensburg, WA |
| 2006 | Research Grant, Volkswagen Foundation, Hannover, Germany, “Knowledge |
|  | for Tomorrow – Cooperative Research Projects in sub-Saharan Africa: |
|  | Communicable Diseases in Sub-Saharan Africa – 305,000 Euros direct costs |
| 2000 | UNESCO/Israel co-sponsored postdoctoral fellowship in Sciences and |
|  | Technology |
| 1999 | Bourse (Scholarship) de la Coopération Française awarded to International |
|  | Scholars conducting research in France |
| 1999 | Centre Pasteur du Cameroun Research Grant, Yaoundé, Cameroon |
| 1998 | Bourse (Scholarship) de la Coopération Française awarded to International |
|  | Scholars conducting research in France |
| 1998 | The Third World Academy of Sciences (TWAS) South-South Travel Fellowship, |
|  | Trieste, Italy |
| 1998 | The Brazilian Council for Scientific and Technological Advancement (CNPq) |
|  | Fellowship |
| 1986 - 1991 | Cameroonian Government Scholarship to undergraduate and graduate |
|  | students (Merit Scholarship), Yaoundé, Cameroon |

**RESEARCH ETHICS, GRANT WRITING & TEACHER TRAINING**

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| 03/2010 | **“Creating a Culturally Inclusive Learning Environment”** Faculty Development Workshops organized by CWU Center for the Teacher Scholar |

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| 10/2013 | **High Impact Practices in the classroom**, Faculty Development Workshop |

 01/2010 **“Active Learning”,** Faculty Development Workshops organized by CWU Center for the Teacher Scholar

01/2009 “**Are you the Only active Learner in the Classroom**”, Faculty Development Workshops organized by CWU Center for the Teacher Scholar.

01/2009 “**Creating Quality Rubrics**”, Faculty Development Workshops organized by CWU Center for the Teacher Scholar.

10/2006 **“Research Integrity in the Academy: Identifying Best Practices for Responsible Researcher”** Professional development series organized by the Provost Office, Yale Graduate School, Yale Postdoctoral Office and the Biological and Biomedical Sciences (BBS) Program. Yale University, New Haven, CT

04/5/2006 – 05/26/2006 (4-Session Workshop): **Advanced Topics in Science Teaching** organized by The Graduate Teaching Center, Graduate School of Arts and Sciences, Yale University, New Haven, CT

01/19/2006 – 02/16/2006 (5-Session Workshop): **Preparing Future Science Faculty**

organized by the Graduate Teaching Center, Graduate School of Arts and Sciences, Yale University, New Haven, CT

11/6/2004 – 11/7/2004: **Grant Writing Workshop** sponsored by the Fogarty International Center, Miami, FL

# DEPARTMENT/COLLEGE/UNIVERSITY SERVICE

Co-Chair, COTS Diversity Committee 2020 to 2022

Chair, Biology Advising Task Force 2020 to 2021 Member, Biology Diversity, Inclusivity and Equity Committee 2020 to present Member, Biology Advising Task Force 2017 to present

Chair, SOURCE Oral Presentation Sessions 2014, 2015, 2017

Judge, SOURCE Poster sessions 2014

Ad doc member of the Engineering Technician Search Committee Spring 2017 Chair, Biosafety Committee 2104 to 2016 Faculty Spokesperson - CWU Women Soccer Team 2014 to present Member, Graduate Committee 2012 to 2017

Member, Curriculum Committee 2011 to 2012

Member, Health Career Resources Committee 2011 to 2016

Co-chair, Dennis W. Farrell scholarship committee 2009 to present

Member, Dennis W. Farrell scholarship committee 2008 to 2009

Member, Biosafety Committee 2009 to 2019 Member, Computational Biologist Search Committee Winter/Spring 2010 Pre-medicine Advisor 2008 to present

Pre-dentistry Advisor 2008 to present

Pre-dental Club Advisor 2009 to present

Pre-med Club Advisor 2008 to present

Chair, Premed mock interview committee 2008 to present

# PROFESSIONAL SERVICE

2023 to date **Reviewer**, American Journal of Tropical Medicine and Hygiene, Arlington, VA

2020 to date **Reviewer**, Antimicrobial Agents and Chemotherapy, Washington, DC 2018 to date **Reviewer,** PLOS ONE, San Francisco, CA & Cambridge, UK

2017 to date **Reviewer,** Journal of Pediatric Infectious Diseases, Philadelphia, PA 2016 to date **Reviewer/Panelist**, National Science Foundation

2015 to date **Reviewer**, Parasite, Paris, France

2015 **Grant proposal Reviewer**, WM Keck Foundation, Los Angeles, CA 2014 **Grant proposal reviewer**, Murdock Charitable Trust, Vancouver, WA 2013 **Scientific Committee Member**, African Epidemiologists Association

Conference

2011 to date **Reviewer, Parasitology Research**, London, UK

2010 to date **Reviewer,** BioMedCentral Infectious Diseases, London, UK

2006 to date **Editorial Advisory Board Member** of the International Journal of Biological and Chemical Sciences, Yaoundé, Cameroon

2006 to date **Ad hoc Reviewer,** Infection and Immunity, Washington, DC

2005 to date **Editorial Advisory Board Member,** Cameroon Journal of Experimental Biology, Dschang, Cameroon

# PROFESSIONAL SOCIETIES

New York Academy of Sciences (NYAS), New York, NY, USA American Society for Microbiology (ASM), Washington DC, USA

American Society of Tropical Medicine and Hygiene (ASTMH), Northbrook, IL, USA Société de Pathologie Exotique (SPE), Paris, France

The Helminthological Society of Washington, Washington DC, USA Nigerian Society for Parasitology (NSP), Jos, Nigeria Entomological Society of Nigeria (ESN), Lagos, Nigeria

# EXTRA-PROFESSIONAL/VOLUNTEER ACTIVITIES

09/2018 to present **President, Bawa Health Initiative, Inc.** (www.bawahealth.org), an independent nonprofit charitable organization registered in the State of Connecticut, USA established to provide primary health care to residents of rural communities in Africa and developing world, reduce the prevalence of infectious diseases through education and prevention, supply clean drinking water, educate the general public especially citizens of developed countries about the heavy toll on humanity taken by parasitic diseases in the developing world.

01/2003 **Co-Founder, NEPAD Council** (www.nepadcouncil.org), a non-political and independent nonprofit organization (NGO) registered in the State of New York, USA and made of young African experts and professionals. NEPAD Council is made up of 150 members representing all 50 African countries. The main objective of NEPAD Council is to provide expertise to the New Partnership for Africa’s Development (NEPAD) created by African heads of state and aimed at fighting poverty, consolidating democracy and good governance, fostering trade, investment, economic growth and sustainability.

03/2004 to 12/2007 **Vice-President and Coordinator of Commissions, NEPAD Council**

05/2005 **Co-Founder**, **Bawa Health Initiative, Inc**. 05/2005 to 2011 **Vice-President, Bawa Health Initiative, Inc.**

07/2005 to present **Programme Officer, World Computer Exchange** (WCE) (www.worldcomputerexchange.org), an international educational nonprofit organization registered in the State of Massachusetts, USA. WCE is focused

on helping the world's poorest youth to bridge the disturbing global divides in information, technology and understanding. WCE keeps donated computers out of landfills and gives them new life connecting youth to the Internet in developing countries.

# INVITED TALKS (7)

Summer 2018 Department of Dermatology and Allergy, Faculty of Medicine, Charité- University, Berlin, Germany – “Hookworm and *Leishmania*: Data from Immunological and Drug Discovery Projects”

Fall 2016 Department of Microbiology and Molecular Genetics, The Kuvin Center for the Study of Infectious and Tropical Diseases, Hebrew University-Hadassah Medical School, Jerusalem, Israel – “Clinical, Immunological and Entomological Investigations on cutaneous leishmaniasis and *Leishmania*/HIV co-infections in Cameroon”

Fall 2015 Department of Pediatrics & Yale Partnerships for Global Health – Pediatric Global Health Seminar- “Combining basic research and service delivery to address public health challenges in rural areas of Cameroon”

Winter 2011 Yale School of Public Health – Epidemiology of Microbial Diseases & the Yale Program in International Child Health Joint Seminar Series - “Epidemiological, clinical and immunological features of cutaneous leishmaniasis and *Leishmania majo*r/HIV co-infection in northern Cameroon".

Winter 2011 Pre-Medicine club, Central Washington University, Ellensburg, WA “Health Care Challenges in rural sub-Saharan Africa”

Summer 2010 Volkswagen Foundation, Hannover, Germany, and the European Foundation Initiative for the African Research into Neglected Diseases, co-presentation “Epidemiological and immunological investigations on cutaneous leishmaniasis (CL) and *Leishmania*/HIV co-infection in the Mokolo focus, Far North Province, Cameroon”. Co-Authors included Dr. Marcus Maurer, Université-Charité, Berlin, Germany; Dr. Esther von Stebut, Johannes Gutenberg-University, Mainz, Germany and Dr. Albert Same-Ekobo, University of Douala, Douala, Cameroon.

Fall 2008 Departments of Microbiology and Dermatology, Johannes Gutenberg University, Mainz, Germany - Seminar Series on “Invasion and Persistence of Infection”. My talk was entitled “Immunological Studies of Hookworm and *Leishmania* infections: from the bench to the field and back”

# PUBLICATIONS (43) – Student co-authors underlined

1. Tateng NA, Payne VK, Ngouateu OB, von Stebut E, Maurer M, Kruger A & **Dondji B**. **2023.** Ecology and distribution of sand fly species of Mokolo, an endemic focus of cutaneous leishmaniasis in Cameroon. *Acta Tropica,* 239, <https://doi.org/10.1016/j.actatropica.2022.106809>
2. McPherson V, Wolhart H, Engels L, Sullivan K, Coria A, Bicchieri T, Coria A, Torrey B, Spiegel C, Danforth S, Belofsky G & **Dondji B**. **2022**. Assessment of the Anthelmintic Activity and Toxicity of Metabolites of *Dalea pogonathera* (Fabaceae). *Phytochemistry Letters.* 55, 75 – 81.
3. Drummer D, Many GM, Pritchett K, Young M, Connor K, Tesfaye J, **Dondji B**, & Pritchett R. **2022**. Montmorency Cherry Juice Consumption does not Improve Muscle Soreness or Inhibit Pro-inflammatory Monocyte Responses Following an Acute Bout of Whole-body Resistance Training. *International Journal of Exercise Science*, 15(6): 686-701
4. Bungiro RD, Harrison LM, **Dondji B** & Cappello M. **2022**. Comparison of percutaneous vs oral infection of hamsters with the hookworm *Ancylostoma ceylanicum*: Parasite development, pathology, and primary immune response. *PLOS Neglected Tropical Diseases.* Published: January 5, 2022, <https://doi.org/10.1371/journal.pntd.0010098>
5. Ngouateu OB & Dondji B. **2022**. Leishmaniasis in Cameroon and neighboring countries: an overview of current status and control challenges. *Current Research in Parasitology and Vector-Borne Diseases*. https://doi.org/10.1016/j.crpvbd.2022.100077
6. McNolty A, Anderson H, Stryker G & **Dondji B**. **2021**. Investigations on the effects of anti- *Leishmania major* serum on progression of *Leishmania infantum* infection *in vivo* and *in vitro* - Implications of heterologous exposure to *Leishmania spp*. *Parasitology Research*, https://doi.org/10.1007/s00436-021-07130-x
7. Belofsky B, Engels L, McPherson V, Nash K, Sullivan K, Torrey B, Ripley C, Coria A, Bicchieri T & **Dondji B**. **2020**. Investigation of *Dalea parryi* (Fabaceae) Metabolites for Anthelmintic Activity against the Human Pathogenic Hookworm *Ancylostoma ceylanicum*. *Phytochemistry.* 177. https://doi.org/10.1016/j.phytochem.2020.112423
8. Richardson DJ, Gross JA, Tsekeng P & **Dondji B**. **2020.** Geohelminth infection, anemia, and malnourishment in Bawa, Cameroon after 10 years of intervention by the Bawa Health Initiative. *International Journal of Biological and Chemical Sciences.* 14 (4): 1177-1187.
9. Tateng NA, Payne VK, Ngouateu OB, Kirstein DO, Warburg W, von Stebut E, Maurer M, **Dondji B** & Kruger A. **2019.** Inventory and taxonomy of phlebotomine sand flies of the Mokolo leishmaniasis focus, northern Cameroon, with description of new *Sergentomyia* taxa (Diptera: Psychodidae). *Acta Tropica,* 194, 172-180.
10. Tateng NA, Kirstein DO, Ngouateu OB, Kruger A, von Stebut E, Maurer M, Payne VK, Warburg W & **Dondji B. 2018**. First detection of *Leishmania donovani* in sand flies from Cameroon and its epidemiological implications. *Tropical Medicine and International Health.* 23, 1014-1021.
11. Farah OA, Archibald R, Rodriguez MJ, Moreno A, **Dondji B** &Timothy K. Beng. **2018**. Flexible access to 2,3,5,6-tetrasubstituted dehydropiperidines by Ni- or Co-catalyzed site- selective cross-coupling using Vilsmeier-Haackderived α-chloro-β- formyltetrahydropyridines. *Tetrahedrons Letters*. 59, 3495-3498.
12. Diliani N & **Dondji B. 2017.** Hookworm excretory/secretory products modulate immune responses to heterologous and species-specific antigens. *Parasite Immunology*. 39,10.1111/pim.12459
13. Deardorff K, Ray W, Winterstein E, Brown M, McCornack J, Cardenas-Garcia B, Jones K, McNutt S, Fulkerson S, Ferreira D, Gény C, Chen X, Belofsky G & **Dondji B**. **2016**. Phenolic metabolites of *Dalea ornata* affect both survival and motility of the human pathogenic hookworm *Ancylostoma ceylanicum*. *Journal of Natural Products*. 79, 2296-2303.
14. Bastien P, Volf P, Depaquit J, **Dondji B**, Gallego M, Gangneux J-P, Izri A, Marty P, Piarroux R, Pratlong F& Dedet J-P. **2015**. Comments on *Leishmania major* in Gorilla Feces. *Journal of Infectious diseases JIV129*.
15. Belofsky G, Kouch PK, McCornack J & Koppinger K & **Dondji B**. **2015.** *Dalea emoryi* revisited: Anthelminthic and new components of a previously studied plant. *Planta Medica* 81 (11).
16. Ngouateu OB, Weller K, Brohl K, Kamtchouing P, Same-Ekobo A, **Dondji B,** Maurer M & von Stebut E. **2015**. [Impaired T cell-dependent protection against *Leishmania major*](https://www.researchgate.net/publication/272029737_Impaired_T_cell-dependent_protection_against_Leishmania_major_infection_in_HIV-positive_patients_is_associated_with_worsened_disease_outcome?ev=prf_pub)[infection in HIV-positive patients is associated with worsened disease outcome](https://www.researchgate.net/publication/272029737_Impaired_T_cell-dependent_protection_against_Leishmania_major_infection_in_HIV-positive_patients_is_associated_with_worsened_disease_outcome?ev=prf_pub). *Experimental Dermatology,* 22(4): 302-304
17. Belofsky G, Ray W, Winterstein E, **Dondji B** & Koppinger K. **2014.** Anthelminthic metabolites of *Dalea ornata* (Fabaceae). *2014 Annual meeting of the American Society of Pharmacognosy. August 2-6, Oxford, Mississippi, USA. Planta Medica.* 80 (10)*.*
18. Nation SC, **Dondji B**, Stryker GA. **2012.** Previous exposure to a low infectious dose of *Leishmania major* exacerbates infection with *Leishmania infantum* in the susceptible BALB/c mouse. *Parasitology Research,* 111(3):1407-1415
19. Ngouateu OB, Kollo P, Ravel C, Dereure J, Kamtchouing P, Same-Ekobo A, von Stebut E, Maurer M, **Dondji B. 2012**. Clinical features and epidemiology of cutaneous leishmaniasis and *Leishmania major*/HIV co-infection in Cameroon: Results of a large cross-sectional study. *Transactions of the Royal Society of Tropical Medicine and Hygiene.* 106, 137-142.
20. Richardson DJ, Richardson KR, Callahan KD, Gross J, Tsekeng P, **Dondji B** & Richardson KE. **2011.** Geohelminth Infection in Rural Cameroonian Villages. *Comparative Parasitology.* 78,161-179.
21. Richardson DJ, Callahan KD, Tsekeng P, **Dondji B** & Richardson KE. **2011.** Prevalence of waterborne Protozoan Parasites in Two Rural Villages in the West Province of Cameroon. C*omparative Parasitology,* 78,180-184
22. Ngouateu OB, **Dondji B**, Maurer M, von Stebut E. **2011.** Epidemiological and immunological investigation on cutaneous leishmaniasis (CL) and *Leishmania*/HIV co- infection in Cameroon. *Experimental Dermatology*, 20: 172
23. Deak E, Cho KW, Goldsmith-Pestana K, **Dondji B**, Lambris JD & McMahon-Pratt D. **2010.** Murine visceral leishmaniasis: IgM and polyclonal B-cell activation lead to disease exacerbation. *European Journal of Immunology*, 40, 1-14
24. **Dondji B,** Sun T, Bungiro RD, Vermeire J, Harrison LM, Bifulco C & Cappello M. **2010**. CD4+ T cells mediate mucosal and systemic immune responses to experimental hookworm infection. *Parasite Immunology*, 32, 1-8.
25. Ngouateu OB, von Stebut E, Maurer M, Same-Ekobo A, Kamtchouing P, **Dondji B. 2009**. Epidemiological investigations on cutaneous leishmaniasis and *Leishmania*/HIV co-infection in the Mokolo focus, Far North Province, Cameroon. *Experimental Dermatology*. 18: 302
26. Maurer M, **Dondji B** & von Stebut E. **2009.** What determines the success or failure of intracellular cutaneous parasites? Lessons learned from leishmaniasis. *Medical Microbiology and Immunology.* 198, 137-146.
27. **Dondji B**, Bungiro RD, McMahon-Pratt D & Cappello, M. **2008.** A role of nitric oxide in hookworm associated immune suppression. *Infection and Immunity,* 76, 2560-2567.
28. **Dondji B,** Deak E, Goldsmith-Pestana K, Perez-Jimenez E, Esteban M, Miyake S, Takashi Y & McMahon-Pratt D. **2008.** Intradermal NKT cell activation during DNA priming in heterologous prime-boost vaccination enhances T cell responses and protection against *Leishmania*. *European Journal of Immunology*, 38, 706-719.
29. **Dondji B**, Perez-Jimenez E, Goldsmith-Pestana K, Esteban M & McMahon-Pratt D. **2005**. Heterologous Prime-Boost vaccination using LACK antigen protects against murine visceral leishmaniasis. *Infection and Immunity, 73 (8),* 5286-5289.
30. **Dondji B**, Duchon S, Diabate A, Herve JP, Corbel V, Hougard J-P, Santus R & Schrevel J.**2005**. Assessment of laboratory and field assays of sunlight-induced killing of mosquito larvae by photosensitizers. *Journal of Medical Entomology, 42 (4),* 652-656.
31. Carvalho LP, Soto M, Jeronimo S, **Dondji B**, Bacellar O, Luz V, Orge Orge G, Alonso C, Jesus AR & Carvalho EM. **2003**. Characterization of the immune response to *Leishmania infantum* recombinant antigens. *Microbes and Infection, 5*, 7-12.
32. **Dondji B**, Dereure J, Poste B, Same-Ekobo A & Dedet JP. **2001.** Visceral leihmaniasis in Cameroon. Seroepidemiological survey in Kousseri area, Northern Cameroon. *Bulletin de la Société de Pathologie Exotique, 94 (5),* 418-420.
33. **Dondji B. 2001**. Leishmanioses et Phlebotomes du Cameroun: Le point sur les données actuelles*. Bulletin de la Société de Pathologie Exotique, 94 (3),* 227-229.
34. **Dondji B**, Duhlinska DD & Same-Ekobo A. **2000.** Species composition of the phlebotomine sandfly fauna (Diptera: Phlebotominae) in Mokolo region, northern Cameroon. *Insect Sciences and its Application, 20 (3),* 221-226.
35. **Dondji B**, Dereure J, Pratlong F, Duhlinska DD, Same-Ekobo A & Dedet JP. **1998.** Characterization of *Leishmania major* causing cutaneous leishmaniasis in northern Cameroon. *Transactions of the Royal Society of Tropical Medicine and Hygiene, 92,* 677- 678.
36. **Dondji B**, Duhlinska DD, Same-Ekobo A & Yimagou I. **1998.** Clinical and parasitological prevalence of cutaneous leishmaniasis in the Mokolo focus, Far North Province of Cameroon. *Bulletin de Liaison et de Documentation de l’OCEAC, 31***,** 40-45.
37. **Dondji B**, Duhlinska DD & Agwale SM. **1998.** Leishmaniasis in Cameroon. 1. A preliminary study in Mokolo Subdivision, Far North Province. *African Journal of Natural Sciences, 2,* 79

- 81.

1. **Dondji B** & Yimagou I. **1998.** Helminth and protozoan intestinal infections of hospital patients in Mokolo Subdivision, North Cameroon. *Bulletin de Liaison et de Documentation de l’OCEAC, 31,* 35-37.
2. **Dondji B. 1997.** Preliminary study on leishmanin skin test positivity among school children in Zileng village, Mokolo Subdivision, Far North Province of Cameroon*. Bulletin de Liaison et de Documentation de l’OCEAC, 30*, 31-33.
3. **Dondji B,** Duhlinska DD & Same-Ekobo A. **1997.** Preliminary account on the phenology of some Cameroonian soudano-sahelian savanna sandflies (Diptera, Psychodidae). *Bulletin de Liaison et de Documentation de l’OCEAC, 30,* 58
4. Akufongwe PF, **Dondji B**, Okwuosa VN, Dakul DA & Ntonifor HN. **1995.** Observed disparity on schistosomes infection rates in field *Biomphalaria pfeifferi* (Krauss) between two areas of Jos Metropolis, Nigeria. *Parasite, 2***,** 89-91.
5. Agwale SM, Pam DD, **Dondji B** & Duhlinska DD. **1995.** Preliminary survey of phlebotomine sandflies (Diptera, Psychodidae) in northern Nigeria*. Memorias do Instituto Oswaldo Cruz, 90,* 557-558.
6. Agwale SN, **Dondji B**, Okolo CJ & Duhlinska DD. **1993.** Clinical and parasitological prevalence of leishmaniasis in school children in Keana, Awe LGC of Plateau State, Nigeria. *Memorias do Instituto Oswaldo Cruz, 88*, 347.

# COMMUNICATIONS AT SCIENTIFIC MEETINGS (64) – Student co-authors underlined

1. **Dondji B**, Smith C, Bush K, Shearer V, Korf H, Gunther K, Henne T, Curry L, Beng T. **2022**. Assessment of synthetized bridged-lactam organic compounds for in vitro activity against *Leishmania major,* an agent ofhuman leishmaniasis. *2022 Annual Meeting of the American Society of Tropical Medicine and Hygiene. October 31 – November 3, 2022, Seattle, WA****.*** *American Journal of Tropical Medicine and Hygiene.*
2. Smith C, Beng T & **Dondji B. 2021**. Bridged lactam-lactones and amino lactones are active in vitro against *Leishmania major*, the causative agent of human cutaneous leishmaniasis. *Symposium on University Research and Creative Expression,* May 2021*,* Ellensburg, WA, USA.
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