

# **Professor Philippe Parola, MD, PhD**

University Hospital Institute *Méditerranée Infection*  
19-21 Boulevard Jean Moulin 13005 Marseille, France  
[www.mediterranee-infection.org](http://www.mediterranee-infection.org)



Director of VITROME (Vectors – Tropical and Mediterranean Infections) Research Unit  
Marseille – Dakar – Papeete- Algiers  
Aix-Marseille University (AMU) - Institut de Recherche pour le Développement (IRD) - French Military Health Service (SSA)

Chief of Acute Infectious Diseases Unit - Department of Infectious Diseases  
Assistance Publique – Hôpitaux de Marseille (AP-HM)

## **Professional Background**

Philippe Parola underwent specialized medical training in Internal Medicine, Infectious Diseases and Tropical Medicine in the University Hospitals of Marseille. After having obtained both MD and PhD degrees at the Faculty of Medicine of Marseille, France, he was a post-doctoral fellow at the Laboratory of Public Health Entomology, Harvard School of Public Health, Boston, USA and the Armed Forces Research Institute of Medical Sciences (AFRIMS) in Bangkok, Thailand. He has attended the Gorgas Expert Course in Clinical Tropical Medicine, in Lima, Peru. He also spent a total of 4 years for clinical and/or research/teaching activities in tropical settings in Africa (Western Africa, particularly Niger; and Indian Ocean Islands) and Asia.

## **University and Hospital Appointments**

Philippe Parola is now full Professor of Infectious Diseases and Tropical Medicine, at the Faculty of Medicine, Aix- Marseille University, Marseille, France. There, he is Director in charge of the Infectious Diseases and Tropical Medicine Residency program. He has created a course of medical entomology, and a course of tropical medicine. His clinical medical activities take place in the University Hospital Institute *Méditerranée Infection* in Marseille, where he leads the Acute Infectious Diseases Unit. He is particularly involved in management of ill returned travellers, including those with imported malaria, dengue, chikungunya, rickettsioses ...

## **Research**

His research interest includes medical entomology, particularly tick-borne diseases, travel medicine and emerging infectious diseases. By January 1st, 2019, Philippe Parola has co-authored more than 455 publications in the international literature. He has also written 20 book chapters. He has published major studies and reviews in the field of tropical medicine, rickettsiology, travel medicine, infectious diseases and medical entomology

## **Director**

Professor Philippe Parola has been the Director of the WHO Collaborative Center (FRA 75) for Rickettsial and other Arthropod Borne Bacterial Diseases (2010-2015). In the field of travel medicine, he has been Director (2010-2016) of EuroTravNet, the European Centre for Diseases Control collaborative Network for Travel and Tropical Medicine, a daughter network of Geosentinel, the global surveillance network of ISTM and CDC; and Director Europe (2011-2014) of Geosentinel. He is now the Director of the VITROME (Vectors – Tropical and Mediterranean Infection) Research Unit ([www.vitrome.fr](http://www.vitrome.fr)). This unit includes 8 teams (5 at the IHU *Méditerranée Infection* in Marseille France, 1 in Dakar Senegal, 1 in Algiers Algeria and 1 in Papeete Tahiti) under the labels Aix Marseille Université (AMU), *Institut de recherche pour le Développement* (IRD) and the French Military Health Service (SSA).

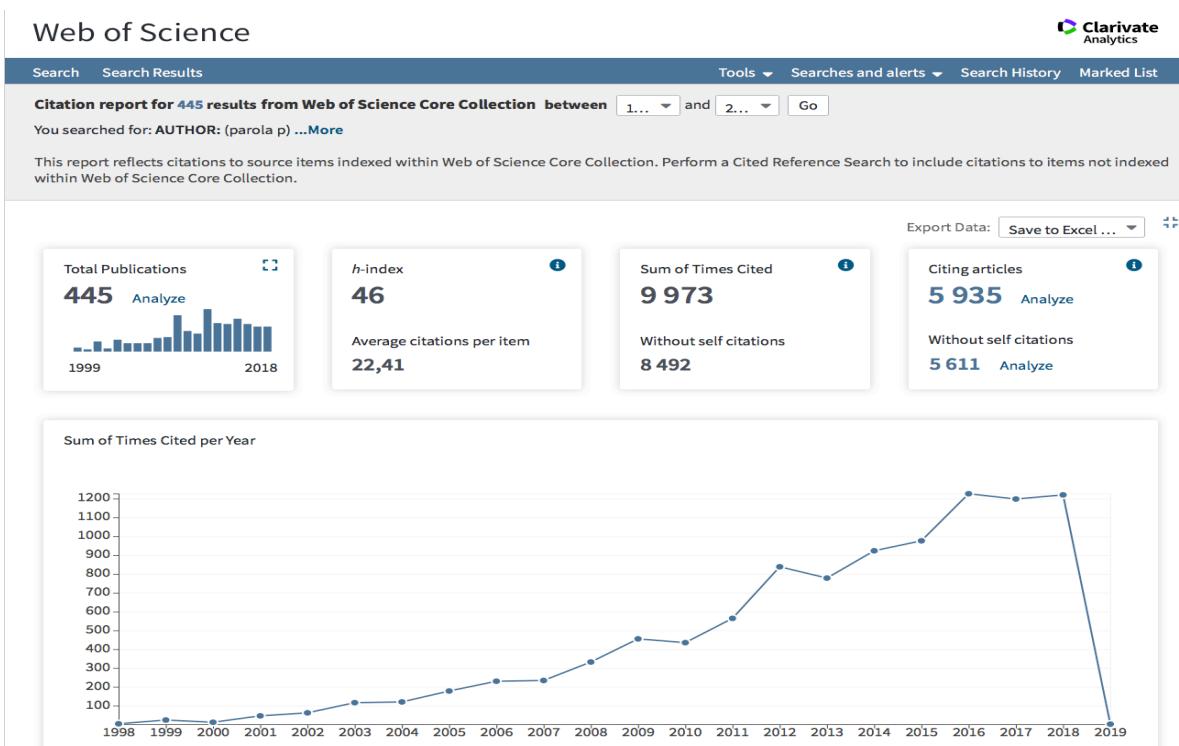
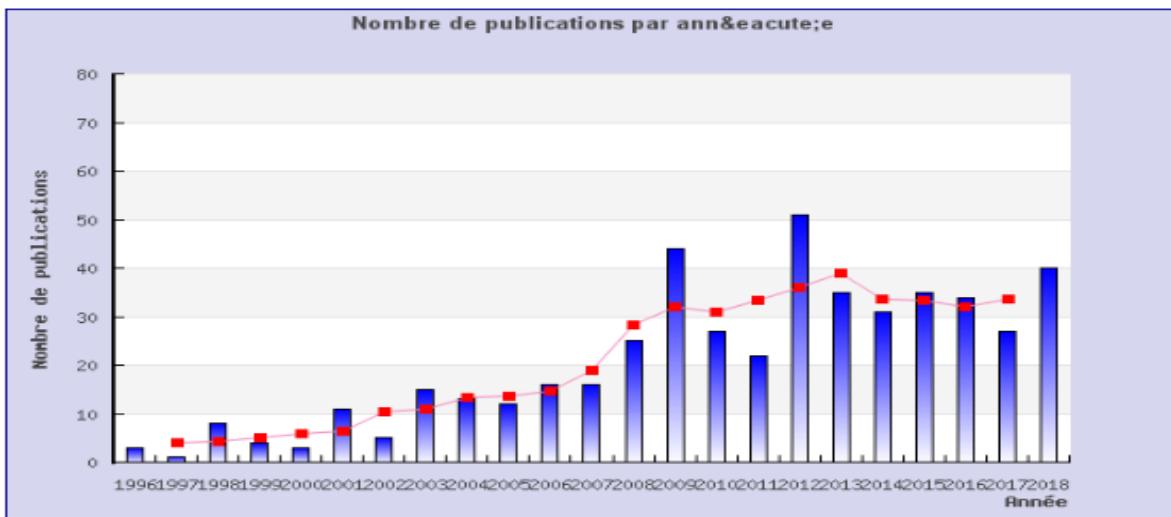
## **Reservist**

Philippe Parola is reservist for the French Army Health Service, with the rank of *Médecin en Chef* (Colonel). His unit supports the *1er Régiment Etranger de Cavalerie*, Marseille, France (French Foreign Legion). He has participated to several oversea missions, including in Chad, Ivory Coast, Bosnia and Kosovo, and French Guyana.

## **Awards**

Philippe Parola has received several prizes and awards including the French Academy of Medicine Award (Exotic Pathology/Tropical Medicine). In recognition for 10 years of clinical and/or research/teaching activities in Niger, Africa, he received, the Silver Medal of Public Health from this country in 2010. Thanks to his activities in the French army health service and oversea missions, Philippe Parola has received a total of 6 medals including the Combatant Cross, the Overseas Medal and the Recognition Medal of the Nation.

## List of the 455 indexed publications By January, 2019



1. Diarra AZ, Laroche M, Berger F, Parola P. Use of MALDI-TOF MS for the Identification of Chad Mosquitoes and the Origin of Their Blood Meal. **Am J Trop Med Hyg**. 2018 Dec 3.
2. Zurita A, Djeghar R, Callejón R, Cutillas C, Parola P, Laroche M. Matrix-assisted laser desorption/ionization time-of-flight mass spectrometry as a useful tool for the rapid identification of wild flea vectors preserved in alcohol. **Med Vet Entomol**. 2018 Dec 5. doi: 10.1111/mve.12351. [Epub ahead of print].
3. Hoang VT, Meftah M, Anh Ly TD, Drali T, Yezli S, Alotaibi B, Raoult D, Parola P, Pommier de Santi V, Gautret P. Bacterial respiratory carriage in French Hajj pilgrims and the effect of pneumococcal vaccine and other individual preventive measures: A prospective cohort survey. **Travel Med Infect Dis**. 2018 Nov 8. pii: S1477-8939(18)30385-5
4. Musso D, Parola P, Raoult D. Yellow fever: the Pacific should be prepared. **Lancet**. 2018 Dec 1;392(10162):2347.
5. Bouchaib H, Eldin C, Laroche M, Raoult D, Parola P. Tick- and flea-borne rickettsioses in Tizi-Ouzou, Algeria: Implications for travel medicine. **Travel Med Infect Dis**. 2018 Nov - Dec;26:51-57.

6. Wotodjo AN, Doucoure S, Diagne N, Sarr FD, Parola P, Gaudart J, Sokhna C. Another challenge in malaria elimination efforts: the increase of malaria among adults after the implementation of long-lasting insecticide-treated nets (LLINs) in Dielmo, Senegal. **Malar J.** 2018 Oct 25;17(1):384.
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11. Beltrame A, Laroche M, Degani M, Perandin F, Bisoffi Z, Raoult D, Parola P. Tick-borne pathogens in removed ticks Veneto, northeastern Italy: A cross-sectional investigation. **Travel Med Infect Dis.** 2018 Nov - Dec;26:58-61.
12. Nebbak A, Willcox AC, Koumare S, Berenger JM, Raoult D, Parola P, Fontaine A, Briolant S, Almeras L. Longitudinal monitoring of environmental factors at Culicidae larval habitats in urban areas and their association with various mosquito species using an innovative strategy. **Pest Manag Sci.** 2018 Sep 4.
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14. Tandina F, Douumbo O, Yaro AS, Traoré SF, Parola P, Robert V. Mosquitoes (Diptera: Culicidae) and mosquito-borne diseases in Mali, West Africa. **Parasit Vectors.** 2018 Aug 13;11(1):467.
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- Assays for the Detection of 20 Gastrointestinal Parasites in Clinical Samples from Senegal. **Am J Trop Med Hyg** 2017;97:173-182.
50. Tahir D, Davoust B, Almeras L, Berenger JM, Varloud M, Parola P. Anti-feeding and insecticidal efficacy of a topical administration of dinotefuran-pyriproxyfen-permethrin spot-on (Vectra® 3D) on mice against Stegomyia albopicta (= Aedes albopictus). **Med Vet Entomol** 2017;31:351-357.
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