

Veterinary Epidemiologist

SUMMARY:

As an infectious disease epidemiologist with core training in veterinary medicine and a wide range of experience in both developed and low-income countries in the last 10 years. I have dedicated my career to confronting cross-border infectious disease threats and emerging zoonoses. With a versatile blend of training and experience in outbreak investigation, surveillance, capacity building and risk assessment, developing information system tools, indicators to evaluate and monitor the impact of prevention and control strategies against infectious diseases. My work experience has spanned during health crises response. I have recently enhanced my professional capabilities by successfully completing the Humanitarian assistance intensive course at Harvard university.



Asma Saidouni

Language Skills

English, French, Arabic: Fluent
Italian, Turkish: Intermediate
Mother tongue: Berber (Amazigh)

Digital Skills

Proficient in Microsoft Office Suite
Advanced GIS applications
(QGIS, ArcView)
Statistical software (R, STATA)

Personal skills

Passionate
Teamwork oriented
Adaptability

Publication Google scholar:

<https://scholar.google.com/citations?user=pYm9hnMAAAAJ&hl=en>

WORK EXPERIENCE

Technical Officer - One Health

World Health Organization – Tripoli, Libya
05/10/2024 – Current position

- Lead the One Health project implementation through the establishment of One Health governance and coordination mechanism, One Health strategy development
- One Health capacity building such as OH rapid response Team **PREZODE (Preventing ZOonotic Disease Emergence) Steering Committee member**

Veterinary epidemiologist - One Health consultant

World Health Organization - Regional office for the eastern

Epidemiologist - yellow fever risk assessment and immunization

World Health Organization, Geneva, Switzerland
01/04/2022 – 30/09/2022

- Evaluation of national and sub-national yellow fever risk assessment in Africa and middle East countries
- Identification of gaps in yellow fever vaccination coverage in 3 priority high-risk countries in Africa
- Development of vaccine coverage heat maps for at least 3 high-risk countries in Africa and present to relevant EYE partners to improve critical immunity gaps
- Development of strategies to resolve critical gaps in yellow fever vaccination coverage in 3 high-risk countries in Africa

Veterinary Epidemiologist - Early Warning Expert

Food And Agriculture Organization of The United Nations, Rome, Italy

25/08/2018 – 31/03/2022

- Conduct assessment of animal disease reporting & surveillance (JEE, SET FAO tool)
- Support countries on data analysis and establishment of epidemiological bulletin.
- Support implementation of electronic information systems such as Mobile Application (EMA-i) and Global Animal Disease Information System (EMPRES-i) at country level
- Develop training material & facilitate training workshops
- Develop project proposal for resource mobilization (DTRA, USAID)
- Delivered detailed, data-driven progress reports to donors such as DTRA and USAID, enhancing stakeholder engagement and compliance

Senior Epidemiologist

World Health Organization GOARN Deployment

- Manila, Philippines, 25/06/2021 – 25/09/2021

Technical support to COVID-19 response by enhancing surveillance, Subnational assessment, data analysis including COVID-19 whole Genome sequencing.

- Dhaka, Bangladesh, 15/12/2020 – 22/01/2021

Technical support for COVID-19 response by enhancing the capacities of data collection and contact tracing activities

Finalize the customization of Go.Data and conduct training workshop of 93 officers on the use of the system

Develop R script program for data analysis

<https://www.who.int/bangladesh/news/detail/11-03-2021-responding-to-covid-19-in-bangladesh-who-supports-the-government-to-roll-out-contact-tracing-across-the-country>

Regional Epidemiologist

Food And Agriculture Organization of The United Nations, Accra, Ghana

26/09/2017 – 22/07/2018

- Supporting Emergency Centre for Transboundary Animal Diseases (ECTAD) assessment missions applying FAO's Surveillance Evaluation Tool (SET) in target countries
- Support the preparation and implementation of national surveillance plans
- Prepare regular updates on the epidemiology situation in West and Central Africa and liaise with HQ and the FAO Regional Office for Africa (RAF)
- Support outbreak investigations for priority diseases and participate in emergency preparedness and rapid response missions such as Lassa Fever, African Swine Fever
- Coordination of the implementation of the Field epidemiology training for veterinarian (ISAVET) program

Epidemiologist

French National Public Health Agency (Sante Publique France), Paris, France

31/08/2015 – 30/08/2017

- Focal point for arboviruses surveillance (Chikungunya, dengue and Zika) and Sexually Transmitted Infection surveillance
- Elaborating program analysis with Stata software and publication of results
- Contributing to preparedness and management of health crisis, and providing support for the implementation of response plans
- Animation of surveillance network and training of surveillance actors
- Responding to outbreaks (salmonellosis, shigellosis, varicella...)

Epidemiologist - Animal Health Surveillance Technical Support Specialist

Food And Agriculture Organization of The United Nations, Freetown, Sierra Leone

08/07/2017 – 04/08/2017

- Drafting of concept notes under REDISSE project in the collaboration with ECTAD team and MAFFS
- Participation in the One health workshop
- Data analysis
- Maps with GIS software

Epidemiologist

World Health Organization– GOARN deployment

- São Tomé and Príncipe, 01/03/2017 – 15/03/2017
 - Necrotizing cellulitis case investigation
 - Strengthening surveillance system and data collection
 - Designing questionnaire for investigation and case-control protocol
- Kinshasa, Democratic Republic of Congo, 23/06/2016 – 23/07/2016
 - Investigating suspected cases of yellow fever
 - Coordination of Yellow fever vaccination campaign in Kinshasa
 - Evaluating and strengthening surveillance at the Kinshasa province level
 - Analysis data and providing feedback for decision making.

Epidemiologist

World Health Organization, Conakry, Guinea

22/03/2015 – 22/08/2015

- Investigating of Ebola suspected and confirmed cases and support the contact tracing.
- Strengthening the national alerts reporting system (Early Warning)
- Harmonization of data collection, data analysis with Stata and Sitrep reports development

Veterinary Epidemiologist Volunteer

World Organization for Animal Health (Woah), Paris, France

04/01/2015 – 09/03/2015

- Reviewing countries biannual and annual reports
- Tracking information to improve the OIE Information Database Interface

Veterinary Epidemiologist Research Assistant

The French Agency for Food, Environmental & Occupational Health & Safety, France.

01/06/2014 – 19/12/2014

- Mathematical modelling - transmission of bovine tuberculosis in a badger population
- Identifying areas in Côte d'Or district with the highest risk for TB in badgers and associated factors

EDUCATION

Master Of Public Health and Infectious Health Risks

Pasteur Institute, CNAM School of Public Health, Paris, France, 09/2013 – 12/2013

Master Of Microbiology

Paris Diderot University, Paris, France, 07/2012 – 06/2013

Biostatistics Diploma (CESAM - Biostatistics in Medicine and Biology)

Université Pierre Et Marie Curie – UPMC, Paris, France, 08/2011 – 06/2012

Doctor Of Veterinary Medicine

Saad Dahlab University, Blida, Algeria, 08/2006 – 09/2011

TRAINING & PROFESSIONAL DEVELOPMENT:

Leadership in Emergencies WHO

EU health preparedness training, EPIC 11, Vienna, Austria, 06/2025

The Catalyst: Innovative strategies for designing and facilitating training programs (ToT)

Certified trainer - Accredited by Oxford city college, 2024

Humanitarian Assistance Intensive Course, Harvard Humanitarian Initiative, Boston, USA, 04/2023

GOARN Outbreak Response Training, World Health organization, 09/2017 – 10/2017

Health In Humanitarian Crises, London school of hygiene & tropical medicine – Online certificate

Health In Complex Humanitarian Emergencies, Emory University – online certificate