



The Food Hygiene and Quality Assurance Research Laboratory
HASAQ

organizes

The 5th International Scientific day

***Brucella* and Brucellosis : A perpetual challenge**

February 10th, 2024

PROGRAM

Axe 1 : Current epidemiology of animal brucellosis

Axe 2 : New diagnostic tools

Axe 3 : Prophylaxis and control strategies

Axe 4 : Current advances in human brucellosis:
Epidemiology, diagnostic and treatment



08h00-08h30 **Registration**

08h30-09h00 **Opening of the meeting**

. Welcome address by the Director of the Higher National Veterinary School of Algiers

Prof. BESSALEM S.

. Welcome speech by the Director of HASAQ Research Laboratory

Prof. BOUAYAD L.

. Welcome speech by the 5th HASAQ Scientific Day Chairman

Dr. LOUNES N.

Plenary Session

Brucella et brucellosis: A perpetual challenge

Moderators : Prof. BOUAYAD L. & Dr. LOUNES N.

09h00-09h20 Conference 1. La Brucellose en Afrique du Nord. Quelle stratégie
(GMT +1) de lutte ?

Dr BOUGUEDDOUR Rachid

WOAH Sub-Regional Representative for North Africa

World Organization of Animal Health

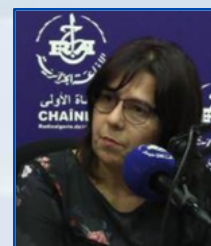


09h20-09h40 Conference 2. Situation de la brucellose animale en Algérie
(GMT +1)

Dr BENDAHMANE Fairouz

Director of Veterinary Services

Ministry of Agriculture and Rural Development, Algeria



09h40-10h00 Conference 3. Évolution temporelle de la brucellose en Algérie:
(GMT +1) Rétrospective historique et actualités épidémiologiques

Dr LOUNES Nedjma

Lecturer

Higher National Veterinary School, Algiers, Algeria



10h00-10h20 Conference 4. Programme national de prévention et de lutte
(GMT +1) contre la brucellose

Dr HAMMADI Samia

Director of prevention

Ministry of Health, Algeria



10h20-10h40 Conference 5. La brucellose en Tunisie: épidémiologie et état
(GMT +1) des lieux

Pr KHAMASSI KHBOU Madiha

Associate Professor in Veterinary Medicine and Hospital-University Service. Department of Contagious Diseases, Zoonoses, and Sanitary Legislation

National School of Veterinary Medicine of Sidi Thabet, Tunisia



10h40-11h00 Conference 6. État des lieux et perspectives de la brucellose humaine et animale au Burkina Faso
(GMT +1)

Dr TIALLA Dieudonné

Research Master (Lecturer) CAMES in Microbiology-Epidemiology. Head of the Laboratory of Microbiology-Epidemiology, Zoonoses, and One Health (LMEZOH).

Institute of Health Science Research (IRSS) / National Center for Scientific and Technological Research (CNRST), Burkina Faso



11h00-11h20 Conférence 7. Points clés pour le contrôle de la brucellose et la vaccination chez les ruminants
(GMT +1)

Dr PONSART Claire

Head of the Bacterial Zoonosis OIE and National Reference Laboratory for *Brucella* spec. Infections

Unit French Agency for Food, Environmental & Occupational Health Safety (ANSES), France.



11h20-11h45 Debate

11h45-12h30 Posters' session

12h30-13h30 Lunch break 

Session 1

Current epidemiology of animal brucellosis

Chairman : Dr BOUGUEDDOUR R.

Assessors : Dr BAAZIZI R. & Dr REMICHI H.

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|---|--|
| 13h30-13h40 KHAMES Maamar
Department of Biology,
U. Médéa | Isolation of <i>Pseudochrobactrum algeriensis</i> sp. nov., a new strain close to <i>Brucella</i> from cattle lymph nodes in Algeria |
| 13h40-13h50 BESBACI Mohammed
Institute of Veterinary
Sciences, U. Blida | Serosurvey on equine brucellosis in the North-East of Algeria |
| 13h50-14h00 NABI Ibrahim
Department of Nature
and life Science, Faculty
of Sciences, U. Médéa | Brucellosis investigation in aborted sheep and goats in Médéa and Sidi-Belabbes |
| 14h00-14h10 AKKOU Madjid
Institute of Veterinary
Sciences, U. Blida | Séroprévalence et facteurs de risques associés à la brucellose caprine dans la wilaya de Tizi Ouzou |
| 14h10-14h20 ZIANE Ameer
ENSV, Algiers | Évaluation de la séroprévalence et étude des facteurs de risque de la brucellose ovine dans la Daïra de Ain El Hadjel (wilaya de M'sila) |

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|--|---|
| 14h20-14h30 DAHMANI Ali
Institute of Veterinary Sciences, U. Blida | Brucellose humaine et foyers de brucellose animale au niveau de la daïra Ksar El Boukhari (2004-2015) |
| 14h30-14h40 TIALLA Dieudonné
Institute of Health Science Research (IRSS) / National Center for Scientific and Technological Research (CNRST), Burkina Faso | Séroprévalence et comportements à risque de transmission zoonotique de la brucellose bovine, ovine et caprine dans les Provinces du Bam et Namentenga, Burkina Faso |

14h40-14h55 Debate

Session 2
New diagnostic tools

Session 3
Prophylaxis and control strategies

Chairman : Pr BAROUDI D.
Assessors : Pr TALI MAAMAR H. & Dr BENATALLAH A.

14h55-15h15 Conference 8. Diagnosis of Brucellosis in animals – An overview
(GMT +1)

Dr MELZER Falk

Head of the NRL Brucellosis, OIE Reference Laboratory for Brucellosis

Institute of Bacterial Infections and Zoonoses (IBIZ), Friedrich-Loeffler-Institut

Federal Research Institute for Animal Health, Germany



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|--|--|
| 15h15-15h25 ABDELLAOUI Lynda
Institute of Veterinary Sciences, U. Blida | Étude de la prévalence de la brucellose chez les ruminants (Bovins, Ovins et Caprins) dans la région centre d'Algérie et comparaison entre les trois méthodes de diagnostic sérologique (EAT, ELISA-i et FC) |
| 15h25-15h35 SAMARI Houssem
Faculty of Sciences, U. Mohamed Boudiaf, M'sila | Étude comparative entre deux techniques sérologiques dans le diagnostic de la brucellose ovine |
| 15h35-15h45 LOUNES Nedjma
ENSV, Algiers | Évaluation des troubles des paramètres biochimiques sériques chez les petits ruminants atteints de brucellose |
| 15h45-15h55 RAMDANI Nacira
National Institute of Veterinary Medicine | Mathematical modeling of small ruminant brucellosis: Simulation of control strategies in El Oued province |
| 15h55-16h05 LATREF Nora
U. Relizane | New potent vaccine against brucellosis based on multi-epitope prediction method of inf C protein. <i>In silico</i> study |

16h05-16h20 Debate

16h20-16h35 Coffee break ☕

Session 4

Current advances in human brucellosis: Epidemiology, diagnostic and treatment

Chairman : Dr AINOUZ L.

Assessors : Pr KHAMASSI KHBOU M. & Dr MELZER F.

16h35-16h55 Conference 9. Brucellose humaine: données microbiologiques en Algérie
(GMT +1)

Pr TALI MAAMAR Hassiba

Head of the Medical Bacteriology Laboratory

Pasteur Institute of Algeria



16h55-17h05 GUENDOUZI A

Central Laboratory of
Medical Biology, Infectious
Diseases Department, EHS
El Hadi Flici (formerly El
Kettar), Algiers

Cas de Brucellose humaine à l'établissement
hospitalier spécialisé en maladies infectieuses, El
Hadi Flici (ex El Kettar), Alger, Algérie

17h05-17h15 TIALLA Dieudonné

Institute of Health Science
Research (IRSS) / National
Center for Scientific and
Technological Research
(CNRST), Burkina Faso

Séro-épidémiologie de la brucellose chez les
personnes en contact direct et rapproché avec les
porcs et leurs fèces dans la ville de Bobo-Dioulasso
au Burkina Faso

17h15-17h30 Debate

17h30-18h00 Recommendations & Closing of the 5th HASAQ Scientific Day

Honorary Presidents

Prof. BESSALEM Sonia & Prof. HAMDI Taha-Mossadak

President of the scientific day

Dr. LOUNES Nedjma

President of the scientific committee

Prof. BOUAYAD Leila

President of the organizing committee

Dr. BOUHAMED Radia

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 Prof NEUBAUER Heinrich (FLI, Germany)
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 Dr ZAOUANI Mohamed (ENSV, Algeria)

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